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ANNUAL REPORT

COUNTY AGENT WORK

JASPER
County

SOUTH CAROLINA

1947

N. R. DAVIS, JR.

County Agent

R. C. Wiggins

Assistant County Agent

Assistant County Agent

Farm Labor Assistant

CLEMSON AGRICULTURAL COLLEGE

Cooperating with

UNITED STATES DEPARTMENT OF AGRICULTURE

EXTENSION SERVICE

D. W. Watkins, Director

Clemson, South Carolina

DEC 18 1947

ANNUAL REPORT OF COUNTY AGENT WORK

JASPER COUNTY, SOUTH CAROLINA

1947

N. R. Davis, Jr., County Agent

R. C. Wiggins, Assistant County Agent

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Cooperative Extension Work in Agriculture and Home Economics

Clemson Agricultural College and the

United States Department of

Agriculture Cooperating

Extension Service

D. W. Watkins, Director
Clemson, South Carolina

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SUMMARY OF ACTIVITIES AND ACCOMPLISHMENTS

GENERAL ACTIVITIES

1. Days agents spent in office-----	80.0
2. Days agents spent in field-----	511.0
3. Days agents worked-----	591.0
4. Miles agents traveled-----	26815
5. Farm Visits-----	1811
6. Different farms visited-----	800
7. Office calls at agents' office-----	1559
8. Telephone calls at agents' office-----	1936
9. Meetings held or attended-----	254
10. Attendance at these meetings-----	13777
11. Number communities in which extension work was conducted-----	14
12. Number farmers conducting demonstrations-----	141
13. Number voluntary community leaders assisting with extension program-----	107

PROJECT ACTIVITIES AND RESULTS

Agricultural Economics

One County Outlook meeting was held with attendance of 77 farmers. Agents cooperated with farm credit agencies in loaning \$27,525.00 to 99 farmers. T.V.A. work was continued on 10 farms. Labor program was conducted through Labor Assistant. Transit Labor Camp built for \$7,000.00. Farm and Home Labor Show conducted with 1900 attendance.

Agricultural Engineering

Farm building plans were furnished for 80 constructions. Ten poultry houses, five brooder houses, 2 general purpose barns, 25 hog self-feeders, ten hog houses, fifteen calf creeps, five potato vine cutters, five cattle shutes and squeezes and 2 dairy barns. Soil Conservation District cooperated in carrying on Soil Conservation Program. Eighteen district farm plans written with approved rotation on 5,000 acres, 300 acres of improved pastures, 21,000 acres woodland improvement, 939 tons of agricultural limestone, 117 tons of phosphate, 83 tons of basic slag. Freezer Locker Plant with 250 Lockers operated. One hundred forty-nine and one-half miles rural electrification serving 467 families.

Agronomy

Seven cotton improvement demonstrations conducted, producing 524 pounds of lint per acre, with an average value of \$196.03. General fertilizer situation discussed at spring community meetings. One demonstration conducted on the relationship of high amounts of nitrogen and close spacing of rows. Seventeen

hybrid corn demonstrations conducted. Sixteen corn fields were checked for the county award. Four corn production demonstrations were conducted. Four demonstrations on the use of three varieties of Hybrid corn was conducted. Two lespedeza for hay demonstrations were conducted. One Grain Sorghum demonstration was conducted. Two oat production and one rye were completed. Ten crotalaria demonstrations for soil-building were conducted. Twenty-five pasture demonstrations were conducted. Two kudzu and one lespedeza seresia demonstrations were carried on. Two soil improving demonstrations with summer legumes, one with winter legumes and 1 silage demonstration was conducted. Eight minor element demonstrations conducted. One annual grazing school held.

Animal Husbandry

Nine purebred boars were placed on five farms. Five purebred gilts were placed with one farmer. Nine purebred bulls placed on 8 farms. Castrating and dehorning demonstrations given. General livestock management information distributed. One Jack placed.

Dairying

One dairy bull placed. Twenty dairy cows placed on dairy farms in Jasper County. One dairy route selling whole milk to Charleston. Five electrical milk cooling boxes operating. Five Electrical milkers operating. Two annual grazing demonstrations conducted.

Entomology and Plant Pathology

Usual educational information given to farmers with crop diseases and livestock disease and insect problems. Special efforts made to have all cotton seed treated. Three thousand bushels oat seed treated. Mosaic disease resistant sugarcane varieties recommended. One fence post demonstration conducted. One rat eradication program conducted.

Forestry

One farm woodland plot examined with a total farm acreage of 1,371 acres. Fifteen hundred pines planted. The prizes awarded to county pulpwood thinning winners. List of Sawmills given industrial survey.

Four-H Club Work

Seven 4-H Clubs were met during the school year with a total membership of 168. A total of 158 boys completed demonstrations for a 94.7% completion. This was the 2nd. highest completion ever recorded in the county. The 158 boys completed 178 projects, valued at \$15,950.28. These projects cost \$10,057.59, which leaves a profit of \$5,898.69. One county-wide 4-H club camp held. Two county-wide meetings of 4-H council. Representatives attended conservation camp. Fat Stock Judg-

ing Team won second place in District Contest. Dairy Judging Team won first place in District Contest.

Horticulture

Assisted in the general production of truck and garden crops. One bean demonstration conducted, one cucumber demonstration completed and one sweet potato. One Hotbed demonstration. Nemetode resistant peach trees placed.

Marketing

Assisted in operation of two packing sheds for beans and cucumbers in the spring. Served as Secretary to Board of Directors of Jasper County Farmers' Service. Assisted in Marketing of surplus farm products \$210,186.50. Assisted in general educational program of quality pack produce.

Poultry

Two vaccination demonstrations given on the control of chicken pox. One turkey flock tested for pullorum. General educational information distributed throughout the year.

Visual Instruction

Eighteen motion pictures shown to a total of 524 people. Charts used in one meeting before an attendance of 77.

A.A.A.

Usual educational work carried out in connection with A.A.A. Program. Mostly publicity given to this program.

Publicity

Total of 887 personal letters written; 47 circular letters; 192 bulletins distributed, 11 Radio talks made and 53 Press articles written.

Milbank Service

Continued to assist in the general operation of the Jasper County Farmers' Service and served as Secretary to the Board of Directors. Assisted in general planning and operation of this business.

County, Community and Neighborhood Organization of Volunteer Farm and Home Leaders

1. County Agricultural Committee:

- a. The County Agricultural Committee is made up of men and women appointed by the county agents. The county agents requested leaders in the several communities to serve in this capacity. The leaders selected were people who had a reputation of being a leader and who were public spirited to such an extent that they will cooperate with efforts to improve economic conditions in their respective communities and in the county as a whole. The majority of this committee is brought forward from year to year.
- b. Following is a list of the County Agricultural Committee giving the names and addresses of the committee along with the executive and various sub-committees:

Mrs. Agnes Preacher, Ridgeland
J. H. Mayer, Ridgeland
Mrs. Ed. Horry, Ridgeland
S. D. Zahler, Ridgeland, Vice-Chairman
H. H. Coleman, Switzerland
Mrs. A. P. Malphrus, Ridgeland
J. B. Malphrus, Ridgeland, Chairman
J. I. Wells, Coosawhatchie
Mrs. L. M. Wall, Coosawhatchie
L. M. Givens, Yemassee
J. H. Langford, Ridgeland
Mrs. J. E. Langford, Ridgeland
P. S. Horton, Ridgeland
J. P. Raymond, Hardeeville
Lonnie Ginn, Early Branch
Reese Smith, Early Branch
J. Rance Smith, Ridgeland
Robbie Horton, Early Branch
Ben Tuten, Early Branch

H. A. Wall, Ridgeland

Mrs. R. A. Cope, Early Branch
Farnum Simmons, Early Branch
Mrs. Claude Rivers, Tillman
A. H. Smith, Early Branch
J. F. Rivers, Sr., Tillman
S. W. Wilburn, Tillman
H. S. Guerry, Ridgeland
Horry Fripp, Ridgeland
Harry Cooler, Ridgeland
Miss Jane Felder, Ridgeland
Mr. & Mrs. T. F. Clements, Tillman
Wallace Goethe, Tillman
C. H. Warnock, Garnett
Miss Dora Oesterbaan, Ridgeland
Frank Baldwin, Early Branch
J. M. Perry, Tillman
J. D. Coleman, Ridgeland
H. P. Woods, Ridgeland
W. H. Sandifer, Ridgeland

Two 4-H Club members are serving on the County Agricultural Committee for 1947 - 1948. One boy and one girl, whose names are listed below:

Byron Vaigneur, Ridgeland
Margaret Raymond, Hardeeville

On the following page is a list of the names and addresses of the various committees and sub-committees of the County Agricultural Committee:

The executive committee consists of the following:

J. B. Malphrus, Chairman, Ridgeland
S. D. Zahler, Ridgeland
Mrs. J. E. Langford, R-2, Ridgeland

The Farm Labor Sub-Committee consists of the following:

S. D. Zahler, Chairman, Ridgeland
Wallace Goethe, Tillman
H. P. Woods, Ridgeland

Milbank Project and Marketing Committee consists of the following:

J. H. Mayer, Chairman, Ridgeland
B. J. Perry, Vice-Chairman, Ridgeland
N. R. Davis, Jr., Secretary, Ridgeland
S. D. Zahler, Ridgeland
B. D. Bedell, Ridgeland
Hoyt Langford, Ridgeland
H. P. Woods, Ridgeland

Four-H Club Committee consist of the following:

J. I. Wells, Coosawhatchie	H. G. Garbade, Ridgeland
Robbie Horton, Early Branch	Ed. Huguenin, Ridgeland
Mrs. T. F. Clements, Tillman	Mrs. J. C. Godwin, Tillman
Mrs. T. F. Clements, Tillman	Mrs. J. P. Wise, Ridgeland

W. J. Ellis, Ridgeland

Representatives elected from the County Agricultural Committee to serve on the State Agricultural Committee are:

J. B. Malphrus, Ridgeland
Mrs. T. F. Clements, Tillman

- c. The duties and responsibilities of the County Agricultural Committee and sub-committees are given in the following paragraphs:

The duty of the County Agricultural Committee is to study the statistics of the county and make recommendations to the County Extension workers regarding the need of Agricultural information among the farm people of the county. These needs are not in the form of result and method demonstrations. The advice and counsel of the committee is useful in making decisions related to various problems that arise in the county. This committee approves the county extension program thereby establishing definite authority for it. The committee plus key community workers cooperate in carrying out the County Extension Program. Usually a meeting of this committee precedes any important project that is to be undertaken in the county.

The executive committee guides the action of the County Agricultural Committee and is consulted about minor policies without the action of the entire agricultural committee. By using this committee in this capacity quicker action is obtained.

The farm labor sub-committee is set up for the purpose of considering labor questions which arise from time to time in the county. This committee has guided the farm labor program in the county and will continue to pass on farm labor policies.

The Milbank Committee which is the Board of Directors of the Jasper County Farmers' Service is the most active sub-committee listed. This sub-committee is charged with the responsibility of administering the entire Milbank project. This project deals with increasing the living standards of farm people in Jasper County through undertakings that require a capital investment. This investment is supplied by Mr. Jeremiah Milbank, a wealthy land owner in Jasper County and special care is taken to see that this capital is used in a way to benefit farmers and yet not deplete the capital investment. This project deals with educational undertakings and farm produce market.

The 4-H Club Committee will assist in the 4-H program. It will be the duty of this committee to strengthen 4-H work in Jasper County through assistance to club members.

2. Community Agricultural Committees and Neighborhoods Leaders:

A list of organized communities and under each community the names of neighborhoods organized within the community for the conduct of the agricultural program in the county follows:

a. Ridgeland Community-----	8
(1) Mitchellville neighborhood	-2
(2) Ryeshire neighborhood	-3
(3) Ridgeland neighborhood	-2
(4) Log Hall neighborhood	-1
b. Wagon Branch Community-----	4
(1) Wagon Branch neighborhood	-4
c. Great Swamp Community-----	5
(1) Great Swamp neighborhood	-5
d. Coosawhatchie Community-----	7
(1) Coosawhatchie neighborhood	-7
e. Pocotaligo Community-----	4
(1) Pocotaligo neighborhood	-4
f. Gillisonville Community-----	4

g. Hardeeville Community-----	2
(1) Levys neighborhood	-1
(2) Hardeeville neighborhood	-1
h. Grays Community-----	22
i. Arm Oak Community-----	3
(1) Arm Oak neighborhood	-2
m. Robertville Community-----	21
(1) Robertville neighborhood	-14
(2) Pineland neighborhood	-3
(3) Nazerene neighborhood	-1
(4) Cedar Grove neighborhood	-2
(5) Sand Hill neighborhood	-1
n. Pine Savannah Community-----	2
(1) Pine Savannah neighborhood	-2
County Total-----	107

3. A list of the different programs handled through voluntary leaders in 1947 is as follows:

- | | |
|--------------------------------|------------------------|
| 1. T. B. X-Ray | 4. Four-H Club Program |
| 2. Farm Labor Saving Equipment | |
| 3. Rat Eradication Program | |

A discussion of the methods followed and results obtained follows:

T. B. X-Ray

In cooperation with the local Health organization all leaders were written requesting their assistance in a county-wide T. B. X-Ray Clinic, which was held in September. A total of 1630 people were X-Rayed.

Farm Labor Saving Equipment

The Farm Labor Show held in Jasper County Wednesday, November 26, was a success due to the assistance given the agents through community leaders in locating Farm Labor Saving devices on the farms. A letter was written to all leaders requesting their assistance in this matter.

Rat Eradication Program

Community leaders were contacted both personally and with circular letter regarding a Rat Eradication program. Leaders were requested to take orders and inform their neighbors of the Rat Campaign. As a result of this effort, 130 packages of rat poison was distributed to farmers over the county.

Four-H Club Program

Local Leaders have assisted with 4-H Club Projects during the year. Not all leaders have helped. Certain leaders have helped in certain ways. A number of leaders have helped in the fitting, showing and handling of Fat Steers and Fat Hogs in 4-H Club Shows.

COUNTY EXTENSION ORGANIZATION

Changes in Jasper County Extension Staff

The following list of changes have occurred in the Jasper County Extension personnel during 1947:

Mr. R. C. Wiggins was appointed Assistant County Agent, May 5, 1947, succeeding Mr. J. A. Kinard, who was transferred to Hampton.

Present Extension Staff

N. R. Davis, Jr., County Agent
R. C. Wiggins, Assistant County Agent
Miss Elizabeth Brunson, County Home Demonstration Agent

Other Agencies

Production and Marketing Administration: The county agents cooperate with the Production Marketing Administration by giving publicity and informing farmers of the benefits of the P & M Program. The County Agents have devoted considerable time to the liming, phosphate and winter cover crop program. The following is the personnel of that office:

Mr. W. H. Sandifer, County Admstv. Officer

County Agricultural Committee: The Jasper County Agricultural Committee for 1947 is listed earlier in the report under community, county and neighborhood organization of volunteer farm and home leaders. This committee acts in an advisory capacity in planning and carrying out the program of work in Jasper County. This committee usually is called together in the fall to approve the Program of Work.

Farmers Home Administration: During the year the county agents cooperate with H. P. Woods, County Supervisor and his committees in furnishing agricultural information. Following is the personnel of that office:

H. P. Woods, County Supervisor

Jasper Soil Conservation Association: The County Agents have cooperated with the Jasper Soil Conservation Association which consists of Jasper and Beaufort Counties by meeting with supervisors and furnishing whatever information requested by the district supervisors. The personnel assigned to the Jasper Soil Conservation District by the Soil Conservation Service is as follows:

J. D. Coleman, Work Unit Conservationist

Vocational Agriculture: The County Agent cooperates with the Vocational Agricultural teachers in furthering educational work in the county. The two agricultural teachers in the county are:

Frank Baldwin, Grays High School
H. A. Wall, Ridgeland High School

Jasper County Health Department: The County Agents cooperate with the County Health Nurse in various health campaigns. The Health Department has been assisting in selecting and conducting health contests in 4-H Clubs. They also cooperate in nutrition program. Listed below is the County Health personnel:

Miss Sarah Fennel, County Health Nurse
Mrs. Lether Gleaton, County Health Nurse
Dr. W. B. Jones, Health Doctor

Welfare Department: Various information is furnished the Welfare Office concerning certain cases over the county. The personnel of that office is as follows:

Mrs. W. E. Smith
Mrs. T. M. Smith
Mrs. Eunice McTeer

Unemployment Service: Information is passed on to farmers about the unemployment office. The County Agents have cooperated in making various reports on the unemployment situation. The personnel of that office is as follows:

Mr. Edward Ilderton

Four-H Club Leaders: Four local leaders cooperate with the County Agents in carrying on 4-H Club work in the four communities which have clubs. These leaders are as follows:

F. W. Taylor, Ridgeland
W. R. Horton, Grays
D. B. Oxner, Hardeeville
W. R. Wightman, Tillman

Production Credit Association: Cooperation is maintained through this office in the extending of farm credit to the farmers of Jasper County. The personnel is B. B. Cave, Walterboro, S. C.

County Home Demonstration Clubs: Close cooperation is maintained between the County Agent's office and the Home Demonstration Clubs as a source of distributing practical information.

Nutrition Committee: The County Agent is a member of this committee and cooperates in any project which is undertaken.

The County Council of Farm Women: Cooperation is maintained between the County Agent and the County Council of Farm Women in all projects undertaken.

Junior 4-H Council: Cooperation between the Junior 4-H Council and county agents is maintained on all 4-H Club projects.

Junior Chamber of Commerce: The County Agents cooperate with the Junior Chamber of Commerce in promoting business that is of interest to farmers in the town.

Lions Club: The County Agents cooperate with the Lions Club in securing several projects to be sponsored by the Lions Club that affects agriculture.

County Forestry Program: The County Agents have cooperated with Mr. S. D. Zahler, the local Forestry Ranger in educational programs on forestry management.

Veterans Administration: The County Agents cooperate with the Veterans Administration by furnishing educational information to Veterans both about loans and agriculture.

PROJECT ACTIVITIES AND RESULTS

AGRICULTURAL ECONOMICS

Work in Agricultural Economics and Farm Management for 1947 included outlook meetings, complete farm accounts, farm planning, T.V.A. Demonstrations, Farm Unit Demonstration and cooperation with Farm Credit Agencies.

Outlook meetings: One county outlook meeting was held at the Agricultural Building January 20, 1947 with a total attendance of 77. At this meeting the District Agents and Marketing Chief presented information for 1947.

Following this meeting 12 community meetings were held with 173 attending at 12 points over the county. This information has been discussed with farmers throughout the year.

Farmers are using outlook information in planning farming operations for the coming year more and more as time goes on. This is especially true of the more progressive and better farmers in the county..It is a hard matter to reach a lot of the small backward and indifferent farmers with general educational information such as this. As a result of outlook information and proper planning, farmers are using more quality planting seed and breeding stock and are using more labor saving devices than they ever have before. Farmers are also placing orders for fertilizer sooner.

Complete farm records: All complete farm records are kept on farms cooperating with T.V.A. These records are very difficult to get. As they are received, they will be turned over the the Agricultural Economics Department at Clemson. A list of these farms follows:

List Complete Farm Record Demonstrations-1947

Name	Address	Size of Farm Acres	Predominant Type of Farming
T. F. Clements	Ridgeland	200	Livestock, Truck
Wallace Goethe	Tillman	500	Livestock, Truck
B. J. Perry	Ridgeland	300	Cotton, Truck and Livestock
J. Rance Smith	Ridgeland	116	General
S. W. Wilburn	Tillman	545	Turkeys and Grain
S. D. Zahler	Ridgeland	281	General Livestock
Dan Horton	Coosawhatchie	250	Livestock

Elbert Jones	Ridgeland	165	Dairy
Robbie Horton	Grays	308	Dairy
C. M. Keiffer	Hardeeville	342	Dairy

Farm planning: With scarce labor, farmers have been more interested in planning their farming operations in a way to give them the greatest use of labor and machinery that could be obtained. As a result of this, numerous farmers have been assisted with permanent pasture and food crop rotations. The T.V.A. Demonstrations serve also as demonstrators in farm planning.

Cooperation with farm credit agencies: The county agents cooperated with the Jasper County Production Credit Association and the Farmers' Home Administration in their work of extending farm credit to the farmers of Jasper County.

The county agents have throughout the year advised farmers with reference to these sources of credit and has acted in an advisory capacity to the board of directors and the administrative officers of the Production Credit Association and Farmers' Home Administration in the development and carrying out of their plans. Following is a summary of the loans made by these agencies in 1947:

Summary Loans Made by Production Credit Agencies

Agency	No. Farmers	Amount
Production Credit Association	5	\$6,850.00
Farmers' Home Administration	94	20,675.00
Total	99	\$27,525.00

T.V.A. Farm Unit Test Demonstrations

In cooperation with the Tennessee Valley Authorities, the county agent established in 1942, ten unit test demonstration farms. These farms were established to demonstrate the value of a program of land use adjustment in the interest of soils and water conservation. This work has been carried on since. Crops and livestock plans have been further developed and followed up throughout the year.

No fertilizer materials were received in 1947. A list of the farmers cooperating with this program is found under Agricultural Economics.

FARM LABOR PROGRAM

Farm Labor Program: This program consisted of recruiting and placing local labor, constructing labor camp and placing transient labor on farms for truck work. A Farm and Home Labor Show was held also.

Recruiting and Placing Local Labor: Assistance was rendered by placing and recruiting available labor where they were needed. This includes both peak and year-around workers.

Labor Camp: A labor camp consisting of 27 hutments was constructed on the Goethe property between Tillman and Ridgeland. The camp is designed to house 100 workers. This camp was built by Jasper County and the Federal Government and is the property of Jasper County leased to Clemson College Extension Service. The camp cost approximately \$7,000.00, with the County paying approximately \$2,000.00, and the Federal Government \$5,000.00.

The camp overflowed with workers this season and all farmers were pleased with the assistance rendered from the laborers. Mr. George H. Long was hired on a part-time basis to help during the spring when the labor was here. They were used in beets, turnips, beans, cucumbers, and irish potatoes.

Labor Saving Show: A Farm and Home Labor Saving Show was held in Ridgeland Wenesday, November 26. The background of the show was furnished by Clemson Extension Service with 11 local dealers exhibiting. A total of 1900 persons saw the show.

Agricultural Engineering

Agricultural engineering work during 1947 included farm building plans, equipment plans, irrigation, care and repair of farm machinery and soil conservation work. R.E.A. Cooperative and Power Companies have increased their lines to serve more farm families.

Soil Conservation

The Soil Conservation work for Jasper County was in cooperation with the Jasper Soil Conservation district, including Beaufort and Jasper County. The Soil Conservation Service has maintained a soil conservation technician in the district who has cooperated with the supervisors throughout the year. Soil Conservation meetings and demonstrations have been conducted jointly with the extension service personnel and soil conservation technicians.

Farm Drainage: Quite a bit of interest has been shown throughout the year by farmers in drainage work. It has been evident that this interest of drainage has been increasing since the demonstration was begun on the Milbank Farm 5 years ago. Drainage surveys of farms were made in the county during the year.

The demonstration that is being conducted on the Milbank Farm has proved to be very successful so far. There is now approximately 1,000 acres in crops that has been cleared and drained. The crops produced on this land in 1947 consisted of small grain, grain sorghum, lespedeza, corn, snapbeans and cucumbers.

Two drainage demonstrations were conducted on which cost records were obtained. A summary of these follows:

Summary of Drainage Demonstrations

Name	Length Ditch Feet	Cu. yards dirt moved	Cost	Cost per Yard
Josh Clark	5280	5500	\$2,000.00	.363¢
Elbert Jones	2950	600	225.00	.375¢

Educational Activities, Soil Conservation
Jasper County

December 1, 1946-----November 30, 1947

	<u>Number</u>	<u>Attended</u>
1. Monthly group conferences Agricultural workers	<u>2</u>	<u>8</u>
2. Community educational meetings held in districts	<u>7</u>	<u>550</u>
3. Method demonstrations (establishing practices)	<u>2</u>	<u>15</u>
4. Meetings at result demonstrations	<u>0</u>	<u>0</u>
5. County Agent assist farm planning	<u>4</u>	
6. Informational circular letters	<u>5</u>	
7. Informational news articles	<u>2</u>	
8. Soil Conservation exhibits	<u>2</u>	<u>1977</u>
9. County Agent meeting with District Supervisors	<u>3</u>	<u>22</u>
*10. District Soil Conservation program with 4-H Clubs	<u>1</u>	<u>145</u>
11. Annual meetings of County Associations	<u>-</u>	<u>-</u>
12. County or Community meetings held on Soil Conservation District Organization	<u>-</u>	<u>-</u>

Extension Demonstrators Establishing Soil Conservation
Practices

Jasper County

December 1, 1946-----November 30, 1947

	<u>Number</u>
1. Perennial lespedeza (Meadow strips and field plantings)	<u>2</u>
2. Kudzu (Meadow strips and field plantings)	<u></u>
3. Strip cropping	<u></u>
4. Permanent pastures	<u>35</u>
5. Summer and winter annual cover crops	<u>60</u>
6. Terrace construction	<u></u>

	<u>Number</u>
7. Terrace Maintenance	<u>-</u>
8. Woodlot Management Demonstrations	<u>6</u>
9. Forestry practices demonstrations	<u>25</u>
10. Forestry plantings	<u>4</u>

Summary of Soil Conservation Practices Established in

Jasper County during 1947

1. District farm plans	<u>18</u>
2. Approved rotations (acres)	<u>5,000</u>
3. Strip rotations	<u>-</u>
4. Kudzu plantings (acres)	<u>-</u>
5. Lespedeza sericea (acres)	<u>50</u>
6. Pasture improved (acres)	<u>300</u>
7. Trees planted (acres)	<u>300,000</u>
8. Woodland improvement (acres)	<u>21,000</u>
9. Drainage (acres)	<u>1,500</u>
10. Tons of lime (AAA Conservation material and other)	<u>939</u>
11. Tons of phosphate	<u>117</u>
12. Tons of Basic Slag	<u>83</u>
13. Dixie's Winter Pea Seed (Pounds)	<u>500</u>
14. Blue Lupine Seed (Pounds)	<u>6,597</u>

Farm Buildings

Farm Building Plans: Farm building plans prepared by the Extension Agricultural Division were furnished to farmers for the construction of the following listed farm buildings:

Summary Farm Building Plans Furnished Farmers

Buildings	Number
Barn Hay Dryer	1
Poultry Houses	10
Brooder Houses	5
General purpose barns	2
Hog self-feeders	25
Hog houses	10
Calf creeps	15
Potato vine cutters	5
Cattle shutes and squeezes	5
Dairy barn	2
	80

The Freezer Locker Plant is being operated by Mills and Ferrell with 250 Lockers. This is in connection with his Slaughtering Plant. The construction of this plant is a result of contact by the county agent upon numerous requests from people within the county regarding a Locker Plant. Practically all Lockers are rented. Great interest is being shown by farmers on the use of home freezers and quite a few are already on farms.

Barn Hay Dryer: A Barn Hay Dryer was constructed on the B. D. Bedell farm and is ready for use. Mr. Bedell states that the barn cost approximately \$880.00. The barn is 24' X 30'.

Irrigation: Irrigation is gaining in importance in the county as the years come. Considerable talk and emphasis has been placed on the importance of irrigation and it is felt that within the next year a number of farmers will install irrigation systems. The one irrigation system on the farm of Mr. J. B. Clark served as a demonstration again this year.

Care and repair of farm machinery: The care and repair of farm machinery has been continuously stressed through individual contact, newspaper and circular letter publicity. Tractor driving and its care was offered to boys at Camp Long during the Annual 4-H Encampment.

Rural Electrification

The county agent has devoted considerable effort and time in helping farmers secure electricity on their farms. R.E.A. has added very little to their line; while, South Carolina Power Company has added quite a bit. Within the

very near future the majority of farm families that live in areas that make possible electric current will have this service. In the following summary is found the miles of electric lines and families served in Jasper County:

Summary of Rural Electrification Work for 1947

Community	Miles Lines	Farms Electrified
<u>National R.E.A.</u>		
Tillman	14	44
Grays	24	57
Pineland	12 $\frac{1}{2}$	57
Tarboro	6	20
Hardeeville	25	75
Ridgeland	30	100
<u>Power Companies</u>		
Spur Lines	38	114
Total	149 $\frac{1}{2}$	467

There is probably no other item desired more by farm families than electricity. With increased living standards, every farm family desires rural electricity.

Power Clearing: The HD 14 Bulldozer operated by the Farm Bureau has been used the entire year. This is the second year that the machine has operated clearing land and fields of stumps.

Agronomy

Agronomy work in 1947 consisted of demonstrations and educational work with cotton, corn, fertilizers, soil-building crops, kudzu, hay crops, perennial pastures, seresia lespedeza, small grains and miscellaneous crops.

Cotton

Five-Acre Improvement Demonstrations: Twelve 5-Acre plots were entered in the State Contest. A summary of records received follows:

Summary results 5-acre Cotton Improvement Demonstrations

Name	Lbs. Seed Cotton	Lbs. Lint	Value Crop	Cost Production	Net Profit	Lint Cost per Lb.	Percent Lint	Variety
J. W. Wall	9172	3397	\$1289.17	\$505.07	\$784.10	.15	37	Coker's 100WR
Frank Horton	6836	2471	893.65	403.98	489.67	.16	36	" "
Walter Malphrus	9588	3500	1332.68	502.53	830.15	.14	36	DPL
Honey Hill Farm	7168	2942	1086.18	394.07	692.11	.13	41	Coker's 100WR
R. E. Carter	5195	1985	731.50	343.50	388.00	.17	38	" "
Wallace Goethe	5190	1980	745.95	363.55	382.40	.18	38	" "
Clarence Smith	6400	2080	781.80	382.30	399.50	.18	32½	" "

Average yield Lint Per Acre - 524 lbs.

Average value per Acre - \$196.03

Average Percent lint - 37%

Average cost per lb. - 67¢

Cotton is not of major importance in Jasper County, however, with increased prices farmers are becoming more interested. There are sections in the county that produces cotton economically. These sections are Grays, Tarboro, Tillman and Gillis-onville communities. Interest in cotton growing by some of the larger farmers is higher now than it has been during the last number of years. The purpose of these demonstrations have been to show that good cultural practices with good seed will produce good cotton. The Jasper County Farmers' Service handles good cotton seed for farmers.

Following is a yearly summary of the results of the five-acre cotton demonstrations in Jasper County for the period 1940-1947:

Summary results of Cotton Contest Demonstration, 1940-1947

Year	No. Dems.	Lbs. Lint Per Acre	Value per Acre	Cost Per Acre	Profit Per Acre
1940	3	198	\$22.25	\$20.98	\$57.60
1941	1	146	30.34	14.87	15.47

Year	No. Dems.	Lbs. Lint Per Acre	Value Per Acre	Cost Per Acre	Profit Per Acre
1942	3	526	\$98.80	\$37.11	\$83.68
1943	1	638	160.98	50.91	110.04
1944	1	541	131.40	54.80	76.61
1945	1	625	141.06	65.53	75.53
1946	1	691	279.60	82.70	196.99
1947	7	524	196.03	82.71	113.40

As can be seen from the table above, yields and profit have greatly increased on the average over a long period. This is due to improved seed and cultural methods.

Fertilizer meetings: Fertilizer was discussed at the county outlook meetings and in the community meetings. Farmers were urged to place their orders early in order that they might be able to get fertilizer on time. The majority of the fertilizer was delivered to farmers at a sufficient date to allow good planting time. Farmers on a whole suffered for nitrate materials which came too late to be used on corn. A large acreage of corn received no nitrate as a top dressing.

Several demonstrations were conducted on the use of various fertilizers during the year. A summary of these demonstrations and results follow:

Nitrogen

Two demonstrations on the various rates of Nitrogen to corn in relation to number plants per acre were begun, only one was completed. A summary of this demonstrations follows:

Summary of High Nitrogen to Number of Plants on Corn

Name	Size of Plot	Spacing	Fertilizer Treatment	Yield
H. C. Jaudon	1 A.	42" Row Width	300# 4-10-6	64.3 bus.
H. C. Jaudon	1 A.	Farmers Method	100# Soda	
H. C. Jaudon	1 A.	42" Row Width	300# 4-10-6	62.7 "
H. C. Jaudon	1 A.	21 Drill Width	500# Soda	
H. C. Jaudon	1 A.	42" Row Width	400# 4-10-6	80.7 "
H. C. Jaudon	1 A.	14 Drill Width	525# Soda	

As can be seen from the above table, high fertilization and close spacing has proven to be the most profitable and most economical way to produce corn. These demonstrations were conducted on a basis of two units of nitrogen required to produce one bushel of corn.

Annual Grazing: In cooperation with the Arcadian Nitrate Company ten tons of soda were received and distributed to farmers for annual grazing demonstrations. This nitrate will be used on small grain and fescue. A summary of these demonstrations follow:

Summary of Nitrogen for Annual Grazing Demonstrations:

Name	Amount Received	Crop to be Applied
C. M. Keiffer	2,000	Small Grain
W. R. Horton	3,000	Small Grain and Fescue
Dan Horton	2,000	Small Grain
R. E. Carter	4,000	Small Grain
B. D. Bedell	3,000	Small Grain and Fescue
Lee Tuten	2,000	Small Grain
Jake Ellis	2,000	Small Grain
H. L. Vaigneur	2,000	Small Grain

Corn Production

Corn production is very important among farmers in Jasper County and present yields are entirely too low to support a prosperous form of agriculture similar to the farming found in Jasper County. Progress in corn production is being made through high fertilization and better cultural practices. Live-stock production is of major importance and farmers are realizing more and more each year the necessity of carrying livestock of good quality to market. In order to help stimulate the interest in corn production, a County Corn Contest is conducted each year. One hundred dollars is given by the Delegation to be used for this purpose. Three prizes are awarded and \$10.00 of the money is used to announce the contest. Following is a list of the contestants showing the yield and prizes received in 1947:

Corn Contestants

Name	Address	Yield	Prizes
Cypress Woods Corp.	Ridgeland, S. C.	77.2	1st. prize \$50.00
Robbie Horton,	Early Branch, S. C.	71.8	2nd. prize 25.00
H. C. Jaudon,	Tillman, S. C.	71.0	3rd. prize 15.00
Byron Vaigneur,	Ridgeland, S. C.	70.7	
David Lowther,	Ridgeland, S. C.	61.2	
R. E. Carter,	Ridgeland, S. C.	53.2	
T. F. Clements,	Tillman, S. C.	50.2	
Warren Woods,	Ridgeland, S. C.	50.1	
Hugh Hughes,	Ridgeland, S. C.	49.7	
Walter Malphrus,	Ridgeland, S. C.	48.7	

(Continued)

Name	Address	Yield
J. W. Wall,	Coosawhatchie, S. C.	46.2
F. R. Malphrus,	Ridgeland, S. C.	40.1
Clarence Smith,	Tillman, S. C.	40.0
Honey Hill Farm,	Ridgeland, S. C.	39.4
Robert Hugue,	Ridgeland, S. C.	30.0
George Parker,	Tillman, S. C.	25.0
Total		824.5 Bus.
Contest Average		51.5 "

Twenty farmers entered the contest in 1947 and 16 fields were checked. The average yield is 51.5, which is more than four times the county average. This contest is certainly helping to increase corn yields through more fertilizer, better seed and better cultural practices. The high yield for the year is the highest yield ever checked in this contest. It was accomplished through Hybrid seed and high fertilization.

Corn Production Demonstrations

Four farmers completed corn production demonstrations showing the value of good seed, proper spacing, proper cultivation and fertilization. A summary of these records is given below:

Summary Corn Production Demonstrations

Name	Acres	Production Bushels	Bushels Per Acre	Cost Prod.	Cost Per Bus.	Value	Profit
Walter Malphrus	5.0	243.5	48.7	\$183.95	80¢	\$487.00	\$303.05
Warren Woods	18.0	901.8	50.1	562.30	62¢	1803.60	1241.30
Honey Hill Farm	6.0	236.4	39.4	80.70	34¢	472.80	392.10
R. E. Carter	9.0	478.8	53.2	288.20	61¢	957.60	669.40
Total	38.0	1860.5	Av. 48.9	\$1115.15	Av. 59¢	\$3721.00	\$2605.85

Average Production Bu. per Acre 48.9
 Average value per acre @ \$2.00 per bus. \$97.92
 Average cost per bushel .59

Corn Variety Demonstrations

In 1947, four varieties of Hybrid corn was planted with 17 farmers from all parts of the county. Some of these fields were checked and a summary is given on the following page:

Summary Hybrid Corn Demonstrations

Name of Farmer	Community	Variety	Yield Per Acre	Remarks
Honey Hill Farm	Ridgeland	G790	43.6 Bus.	Fair Shuck Covering Heavy weevil damage
" " "	"	Woods S360	35.4 "	White large ears, Good Shuck Covering
" " "	"	Woods V50	40.8 "	Large ears, good Shuck covering, little weevil
" " "	"	Woods S210	37.0 "	Small stalk - Fair Shuck Covering - very soft.
Lee Tuten	Grays	Woods S210	9.8 "	Very poor land best of other hybrids
" " "	"	G790W	4.5 "	Poor land
" " "	"	Woods V50	2.6 "	Poor land
F. W. Smith	Grays	G790W	22.3 "	Av. land -Fair Shuck Covering
" " "	"	Woods S210	17.2 "	Best on poor land
" " "	"	Woods V50	16.1 "	Average
Claude Rivers	Tarboro	G790W	37.0 "	Average condition
" " "	"	Woods V50	34.8 "	Average Condition
" " "	"	Woods S210	40.2 "	Worse weevil eaten

Minor Element Demonstration

Material was received from Epting Distributing Company to put on minor element demonstrations. The material consisted of 2000 pounds minor element slag mixture to be applied to pastures; 725 pounds minor element mixture for row crops; 1500 pounds basic slag; and, 75 pounds Es-Min-El.

The report for the pasture is on the following page:

Summary Minor Elements Mixture Pasture

Name	Amount	Rate Per Acre	Results
Honey Hill Farm	500 lbs.	500 lbs.	Not Noticeable
Elbert Jones	500 "	500 "	Cattle grazes more on area
Carter Plantation	500 "	500 "	No results
J. I. Wells	500 "	500 "	No results

The Summary of the material applied to row crops is as follows:

Summary of Minor Elements applied to Row Crops

Name	Crop	Yield Bus. Per Acre	Treatment	Size Plot	Remarks
Honey Hill Farm	Corn V. Beans	22.9	250# Basic Slag	$\frac{1}{4}$ A.	
" " "	" " "	10.5	Epting Mixture 125 lbs.	$\frac{1}{4}$ A.	Burned V. Beans in early stage
" " "	" " "	26.6	Esminel 12 $\frac{1}{2}$ #	$\frac{1}{4}$ A.	
Lee Tuten	Corn V. Beans	11.1	250# Basic Slag	$\frac{1}{4}$ A.	
" "	"	16.6	125# Epting Mixture	$\frac{1}{4}$ A.	
" "	"	10.4	12 $\frac{1}{2}$ # Esminel	$\frac{1}{4}$ A.	
Cypress Woods Corp.	Corn S. Beans	21.3	250# Basic Slag	$\frac{1}{4}$ A.	
" " "	" "	18.2	125# Epting Mixture	$\frac{1}{4}$ A.	
" " "	" "	25.2	12 $\frac{1}{2}$ # Esminel	$\frac{1}{4}$ A.	
Josh Clark	Corn	22.5	250# Basic Slag	$\frac{1}{4}$ A.	
" "	"	34.8	125# Epting Mixture	$\frac{1}{4}$ A.	
" "	"	28.9	12 $\frac{1}{2}$ # Esminel	$\frac{1}{4}$ A.	

As can be seen from the above table no conclusions can be drawn from results obtained. The burning of leaves around the edges in velvet beans was apparent in the Epting Mixture plots; however, the beans in all cases fully recovered.

Lespedeza for Hay Production

Lespedeza is rapidly becoming the largest hay crop in the county. Excellent yields are being obtained at minimum cost to the farmers. Lespedeza lends itself to better use of the new pick-up hay baler. A summary of these demonstrations on Kobe Lespedeza follows on the next page:

Summary of Demonstration of Lespedeza for Hay Production

Name	Variety	Acres	Yields Tons	Cost Production	Cost Per Ton	Value of Crop	Profit
J. I. Wells	Kobe	4.0	12	\$69.50	\$5.79	\$420.00	\$350.50
Honey Hill Farm	Kobe	4.5	7	75.90	10.84	245.00	169.10
Total		8.5	19	\$145.40		\$665.00	\$519.60

Lespedeza for Seed Production

Lespedeza is proving to be a very satisfactory crop both for hay and grazing. The biggest handicap is the fact that all seed have been purchased from other sections. This makes the seed an expensive item. Due to weather conditions no seed have been harvested.

Grain Sorghum

Grain Sorghum has continued to be used to a limited scale to supplement grain where the corn acreage is small. Two Grain sorghum demonstrations have been set-up, but due to weather neither has been harvested.

Summary of Grain Sorghum Demonstration

Name	Acreage Planted	Yield Per Acre
Cypress Woods Corporation	125	30 Bus.
Elbert Jones	20	20 "

Oats

The oat acreage in Jasper County is experiencing a steady increase and more and more emphasis is being placed on this crop as a cheap source of livestock feed. The acreage seeded so far this fall has been small due to weather. Listed below are the oat demonstrations:

Summary Oat Production Demonstrations

Name	Variety	Acres	Yield Bushels	Yields Bus. Per Acre	Cost Per Bushel	Value	Profit
W. J. Ellis	V. Grain	50.0	2250	45.0	\$1297.50	.50 \$2250.00	\$951.50
S. W. Wilburn	"	20.0	700	35.0	419.50	.60 700.00	280.50
Total		70.0	2950 Av.	42.1	\$1717.00 Av.	.58 \$2950.00	\$1233.00

Oat yields are not as high as some farmers would like. New varieties are being tried this fall.

Wheat

The wheat acreage in Jasper County is steadily decreasing and there are only a small number of farmers that continue to plant this crop.

Rye

Rye is planted on a large scale in Jasper County, however, quite a bit is seeded in combination with oats for grazing.

Barley

The acreage of barley has decreased to such an extent that there is practically no barley grown in the county. This crop has proved unprofitable to a number of farmers over a number of years.

Tobacco

Assistance was given farmers of the Grays section with tobacco. The agents assisted in the referendum in this county and passed educational information to farmers. One tobacco meeting was held at Grays.

Soil-Building Crops

Emphasis has been placed on the importance of soil-building crops throughout the year. Special work has been done on the sandy and lighter soils in the Gillisonville and Grays communities. Farmers have been urged in these sections to plant crotalaria and a number of demonstrations were conducted during the year. Emphasis was placed on Dixie Wonder Pea and Blue Lupine this fall. As a result about five tons of seed were sold.

Summary of Crotalaria Demonstrations

Name	Variety	Acres	Cost	Cost Per Acre
J. H. Langford	Early Carolina	80	\$400.00	\$5.00
F. W. Smith	"	10	Reseeded from previous year	
H. N. Slater	"	125	962.50	7.70

More interest is being shown in crotalaria as a result of demonstrations than has ever been shown in the county before.

Crotalaria for Seed

One of the important factors in seeding soil-building crops is available seed. Seed purchased from seed houses are expensive; therefore, it is of interest to farmers to use soil-building crops that can furnish seed for next year. One crotalaria for seed demonstration was conducted. A summary follows on next page:

Summary Crotalaria for Seed Demonstration

Name	Acres	Variety	Yield	Observation
H. N. Slater	25.0	Early Carolina	4800 Lbs.	Satisfactory

A concentrated drive to get crotalaria seeded was conducted by the Soil Conservation Service and Extension Service this spring. As a result the following summary is given:

Crotalaria Seeded Spring 1947

Name	Community	Pounds Seed Planted
J. Hoyt Langford	Gillisonville	1500
Lee Tuten	Grays	1000
H. N. Slater	Gillisonville	3400
O'Neal Smith	Grays	100
Farnum Simmons	Grays	100
R. C. Stanley	Grays	100
Charlie Tuten	Grays	300
Ben Tuten	Grays	60
F. W. Smith	Grays	300
R. A. Cope	Grays	300

Permanent Pastures

Emphasis on the importance of permanent pastures in a livestock program was continued in 1947. Very few new pastures were seeded in 1947, however, demonstrations were continued in as many communities as possible. Two pasture tours were conducted and one grazing school. As a result of Soil Conservation Service and Extension Service efforts 1000 pounds Alta Fescue has been placed this fall. Twenty pounds certified Kentucky 31 and 20 pounds certified Alta were placed on the Milbank farm for seed purposes. A summary of pasture demonstrations follows:

Summary Permanent Pasture Demonstrations

Name	Acres	Year Started	Soil Type	Degree of Erosion	Mechanical & Engineering Preparation	Fertilizers Used	Grasses Seeded	Observation
Turkey Hill Plantation	12	1941	Dunbar	Slight		Basic Slag Potash	Lespedeza, Clover Dallis Grass	Excellent Grazing
Turkey Hill Plantation	80	1943	Dunbar	Flat	Turned & Disced	Lime & Phosphate	Dallis Grass	Excellent Grazing
B. D. Bedell	2	1935	Norfolk	Flat		None	Bermuda	Good Sod
B. J. Perry	5	1925	Dunbar	Flat		Lime, Potash Phosphate	Lespedeza Carpet Grass	Excellent Sod Fair Grazing
B. J. Perry	30	1943 1944	Dunbar	Flat	Disced 3 times	Lime, Phosphate	Dallis Grass Lespedeza	Fair Sod Fair Grazing
T. A. Goethe	20	1932	Dunbar	Flat		Lime Phosphate	Carpet Grass Lespedeza	Good Sod Excellent Grazing
J. A. Tison's Sons	65	1935	Dunbar	Slight		Lime Phosphate	Clover Lespedeza	Excellent Grazing Excellent Sod
S. W. Wilburn	7	1943	Dunbar	Rolling	Turned & Disced	Lime Phosphate	Lespedeza Dallis Grass	Good Sod Good Grazing
Carter Plantation	35	1935	Marlboro	Slight		Basic Slag	Bermuda Lespedeza	Good Grazing Good Sod
Carter Plantation	75	1944	Portsmouth Norfolk	Flat	Turned & Disced	None	Lespedeza Dallis Grass	Good Grazing Good Sod
T. F. Clements	12	1942	Dunbar	Flat	Turned & Disced	Lime Phosphate	Dallis Grass Lespedeza	Excellent Sod Excellent Grazing
T. F. Clements	18	1944	Bladen Dunbar	Flat	Disced twice	Lime, Phosphate	Dallis, Bermuda Lespedeza	Excellent Sod Excellent Grazing
H. M. Taylor	40	1942	Dunbar	Rolling	Turned & Disced	Lime, Phosphate	Dallis Grass Lespedeza	Excellent Sod Good Grazing
J. I. Wells	20	1942	Charleston Norfolk		Slightly Rolling	Lime, Phosphate	Dallis, Bermuda Lespedeza	Fair Sod Fair Grazing
J. I. Wells	20	1944	Norfolk	Slightly Rolling	Disced	Lime	Bermuda Grass	Excellent Grazing

Name	Acres	Year Started	Soil Type	Degree of Erosion	Mechanical & Engineering Preparation	Fertilized Used	Grasses Seeded	Observation
J. I. Wells	3½	1947	Charleston	Rolling	Turned & Disced	Basic Slag Fertilizer	Kentucky 31, Fescue	Poor Stand
Elbert Jones	10	1945	Dunbar	Flat	Cleared Brush	Lime & Phosphate	Lespedeza Carpet	Good Sod Good Grazing
C. M. Keiffer	15	1945	Dunbar	Loam Flat	Disced	Lime & Phosphate	Bermuda Lespedeza	Fair Sod Good Grazing
A. S. Bascomb	3	1945	Dunbar	Flat	Disced	Lime	Lespedeza	Excellent Grazing
J. P. Raymond	8	1945	Dunbar	Flat	None	Lime & Phosphate	Lespedeza Dallis	Excellent Sod & Grazing
Dan Horton	25	1946	Charleston	Flat	None	Lime & Phosphate	Bermuda	Good Grazing
Henry Williams	50	1947	River Terrace	Flat	Disced & Turned	Basic Slag	Lespedeza & Dallis	Good Grazing
Robbie Horton	3	1947	Blanton	Sand	Turned & Disced	Fertilizer	Alta Fescue	Good Stand
Elbert Jones	2	1947	Dunbar		Turned & Disced	Compost	Alta Fescue	Just planted
R. E. Carter	10	1947	Blanton	Sand	Turned & Disced	Fertilizer, Basic Slag	Alta Fescue	Just planted

Peanuts

Peanuts have not been planted for oil purposes in Jasper County for several years. Quite a large acreage was planted for hog feeding, but no demonstrations have been obtained.

Increase and Maintenance of Soil Fertility

Soil-Building Rotations: A number of farmers have been assisted with rotations that deal with soil-building. One of the most common rotations recommended is as follows:

Season	Rotation	Fertilizer
Spring 1945	Corn & Soybeans	100 lbs. Nitrate Soda 400 " Complete Fertilizer
Fall 1945	Small Grain	300 " " " 200 " Nitrate Soda
Spring 1946	Summer Legume	None
Fall 1946	Annual grazing	None
Spring 1947	Corn & V. Beans	400 " Complete Fertilizer 100 " Nitrate Soda

This rotation permits a farmer to leave his cattle on velvet beans as long as the beans last in the winter and plant corn and soybeans following corn and velvet beans the next year. The corn and soybeans will be off the land in time to plant small grain.

Kudzu

Successful kudzu plantings have been very few, however, a few fields are growing in kudzu and grazing is being done. There is a tremendous problem to get farmers to give this crop the proper care until it has completely covered the ground. A summary of kudzu demonstrations follow:

Summary Kudzu Demonstrations

Name	Acres	Type Seed	Year Planted	Treatment	Observation
W. R. Horton	4.0	Blanton	1944	400# phosphate	Grazed
R. P. Horton	2.0	Blanton	1944	400# phosphate	Satisfactory
				100# potash	

Serecia Lespedeza

Serecia Lespedeza gives some promise of furnishing annual grazing and hay from the poorer soil types. A summary of Serecia demonstrations will be found on the following page:

Serecia Lespedeza Demonstrations

Name	Acres	Soil Type	Fertilizer Treatment	Year Seeded	Observation
Cypress Woods Farm	20.0	Norfolk Sand	None	1947	Fair Stand
W. R. Horton	10.0	Blanton Sand	2,000#, Lime, 400# phosphate		

Summary Soil Improvement Demonstration

A summary of soil improvement demonstrations using Crotalaria follows:

Summary Soil Improvement Demonstrations

Name	Cover Crop Used	Acres	Cost	Yield	Value
F. W. Smith	Early Carolina Crotalaria	10.0	\$32.00	507	\$250.00
R. L. Sensenbach	"	125.0	962.50	3757	1875.00

Soil-Building Crops

Work with soil-building crops has centered around Crotalaria, lespedeza and Blue Lupine. One demonstration was conducted with Dixie Wonder Peas and Austrian Winter peas. A summary of seeds purchased and farmers assisted follows:

	Farmers	Pounds
Crotalaria	10	6,860
Lespedeza	25	15,000
Blue Lupine	35	10,000
Dixie Wonder Peas	5	1,000
Total	80	32,860

Winter Legumes: One demonstration using Dixie Wonder Peas and Blue Lupine was conducted:

Summary Winter Legumes

Name	Crop	Acres	Cost	Value	Profit
J. F. Rivers	Dixie W. Peas	1.0	\$8.50	\$20.00	\$11.50
J. F. Rivers	Blue Lupine	1.0	8.50	20.00	11.50

Sugarcane

The sugarcane acreage in Jasper County has continued to increase in both quality and quantity. Over the past years large amounts of CO-290 sugarcane has been distributed through the county agents. Practically all of the sugarcane grown is of some Mosaic disease resistant variety.

Silage Production

One demonstration was conducted on the production of silage in 1947. The trend is to have more grazing crops and less hand feeding. A summary of this record follows:

Summary of Silage Production Demonstration

Name	Crop	Acres	Yield Tons	Yield	Cost	Cost Per Ton
				Tons Per A.		
Gregorie Neck Plantation	Corn Biloxi Beans	10.0	150	10.0	\$690.60	\$4.60

Grazing School

An all day grazing school was held in Ridgeland, August 19, 1947 with an attendance of 38. A copy of the program follows:

PROGRAM OF GRAZING SCHOOL

- 10:00 Importance of a Grazing System - Mr. A. H. Ward, District Agent
- 10:30 Permanent Pastures - Mr. W. H. Craven, Extension Agronomist
- 11:30 Annual Grazing Systems - Mr. H. A. Woodle, Leader Agronomy Ext. Work
- 12:15 Slides on Permanent Pastures and Annual Grazing - H. A. Woodle, W. H. Craven
- 1:00 Lunch
- 2:00 Perennials for Grazing - Mr. E. C. Turner, Extension Conservationist
- 2:30 Grazing for Livestock - Mr. J. R. Hawkins, Leader, Ext. Livestock Work
- 3:00 Grazing for Swine Production - Mr. A. L. DuRant, Ext. Livestock Specialist
- 3:30 Planning a Grazing System - Mr. J. D. Coleman, Soil Conservation Service
- 4:00 Field Work - Group
- 5:00 Adjournment

Animal Husbandry

Animal Husbandry Extension work in Jasper County in 1947 consisted of educational work with swine, beef cattle and horses.

Swine

The program of demonstrations with hogs in 1947 included the placing of purebred boars and gilts, educational work with hog feeding and educational work with sow and litter farrowing.

Purebred Sires: Nine purebred boars were placed with farmers during 1947. The county agents assisted farmers in selecting desirable individuals for breeding purposes. Hampshire, and Duroc are the most popular breeds on farms in Jasper County. A record of these placings is given as follows:

Record of Purebred Boars placed in 1947

Name	No. of Boars	Breed	Age	Cost
Walter Cleland	2	1 Hereford & 1 Hampshire	12 Mos.	\$12.00
Robbie Horton	1	Hampshire	2 Mos.	12.00
Hugh Hughes	1	Duroc	3 Mos.	30.75
Hugh Hughes	1	Hampshire	3 Mos.	50.00
R. E. Carter	1	Duroc	3 Mos.	30.75
Cypress Woods Farm	2	Durocs	12 Mos.	150.00
Ed. Huguenin	1	Hampshire	6 Mos.	55.00
Total	9			\$400.50

The buying of purebred boars has greatly improved the breeding of hogs in Jasper County.

Following is given a record of the placing of purebred boars by years in Jasper County since 1936:

Summary of Placing of Purebred Boars 1936-1947

Year	Number Placed
1936	8
1937	4
1938	8
1939	0
1940	3
1941	3
1942	10
1943	9
1944	3
1945	3
1946	4
Total placed in 12 years	64

As a result of these purebred boars, better bred hogs with a higher dressing percentage are moving to market from Jasper County.

Purebred Gilts Placed: Five registered gilts were placed with farmers and 4-H Club members for breeding purposes during the year. A record of these placings is as follows:

Summary of Purebred Gilts Placed

Name	No. Gilts	Breed	Age	Price
Cypress Woods Farm	5	Hampshire	12 Mos.	\$875.00
Total	5			\$875.00

Hog Feeding: Educational work has been conducted throughout the year on the importance of proper nutrition in hog production.

Swine Management and Sanitation

A full time Veterinarian has not been in Ridgeland to take care of the livestock sanitation work. As a result of this, the county Agents' office has accepted all of the requests for hog vaccination work and has in turn sent these requests to the State Veterinarian. Two herds of cattle were tested for Bangs and T. B. The county agents will continue to accept requests and send them to the State Veterinarian, who will in turn refer the work to Dr. I. R. Cooper, Jr.,

Meat Curing: Farmers are urged to store their meat for curing with the local slaughterers in Ridgeland. It is quite evident that families all over the county loose meat as a result of not putting it on cold storage immediately upon butchering. As a rule, the climatic conditions are not very good for home curing of meat. Mills and Ferrell operate a wholesale packing company in Ridgeland and are equipped to do this work.

A summary of the yearly record of meat stored with Mills & Ferrell for the past 10 years is found in the following table:

Season	No. of Patrons	Pounds of Meat in Storage
1937-1938	125	20,000
1938-1939	110	14,000
1939-1940	101	11,000
1940-1941	106	11,600
1941-1942	103	13,334
1942-1943	199	23,805
1943-1944	275	37,860
1944-1945	277	40,000
1945-1946	245	40,705
1946-1947	285	41,445
Total		

Beef Cattle

Beef cattle work for 1947 consisted of placing of purebred sires, steer feeding, creep feeding, castration demonstrations and dehorning demonstrations.

Purebred sires placed: Nine purebred bulls were placed with farmers in 1947. These bulls were Hereford. Interest is high regarding Brahma bull crossed on native cattle. Calves from this cross will be dropped this fall and winter on the Cypress Woods Farm.

Summary of Beef Bulls Placed in 1947

Name	No. Bulls Placed	Breed	Age	Price
J. W. Wall	1	Hereford	5 yrs.	\$250.00
R. P. Young	1	Hereford	1½ "	150.00
W. H. Simmons	1	Hereford	2 "	175.00
Alex McKenzie	1	Hereford	1 "	150.00
Frank Floyd	1	Hereford	2 "	150.00
Frank Floyd	1	Hereford	2 "	150.00
B. D. Bedell	1	Hereford	6 Mos.	125.00
Wallace Goethe	1	Hereford	1½ Yrs.	167.00
Lawton Malphrus	1	Hereford	1½ "	125.00
Jake Ellis	1	Hereford	1½ "	167.00
Total	9			\$1459.00

A summary of beef bulls placed in Jasper County since 1935 follows:

Summary of Beef Bulls Placed 1935-1947

Year	No. of Bulls Placed
1935	11
1936	12
1937	7
1938	5
1939	5
1940	6
1941	4
1942	6
1943	4
1944	8
1945	6
1946	9
1947	9
Total	92

As a result of purebred bulls being placed with farmers there are approximately 55 Hereford, Braham and Angus Bulls in the county. This improved stock is evident in the quality of calves that are being taken to market.

Steer Feeding: Due to extremely favorable marketing conditions during the entire fall and early winter and high cost of feed, beef cattle have moved to market without being stall fed. A few of the producers have calves on feed now. Nineteen steers have been placed on feed with boys and girls and will be exhibited at the Ehrhardt Fat Stock Show and Sale next spring.

Although no record was obtained on creep feeding, practically all herd owners did a certain amount of creep feeding this summer. This practice is becoming more widespread.

Parasite Control: Stomach worms, cattle lice and screw worm continued to be the worst enemy that producers have to combat. Several outbreaks of ticks were also reported. Educational information is held before farmers on these parasites at all time.

Miscellaneous: Four dehorning, five castration demonstrations were given.

Mule Colt Production

One Jack was purchased by W. T. McTeer and is in service. Two stallions are in service. One is owned by J. L. Brantley of Ridgeland and the other by J. F. Rivers of Tillman. During the year a number of mares have been bred and a number of colts born.

DAIRYING

Extension work in dairying for 1947 included educational demonstration work in the placing of approved purebred sires, growing and curing of quality roughages, annual grazing crops, permanent pastures, construction of dairy buildings and use of dairy equipment, marketing, milk production for family use and miscellaneous. This has been a very important year in dairying in Jasper County, as it saw dairying continue to grow.

Purebred Sires

Purebred bulls placed: One approved purebred dairy bull was placed with one farmer in Jasper County in 1947 by the county agents. This brings the total number of approved purebred bulls available for service in Jasper County to 9. A list of the placings this year is as follows:

Summary Purebred Dairy Bulls Placed in 1947

Name	Breed	Cost
Dan Horton	Guernsey	\$85.00
Total	1 Bull	\$85.00

Growing and Curing Quality Roughages

Growing Hay: This project is reported under the Agronomy section of this report.

Curing Hay: Demonstrations on curing hay were conducted on two farms in 1947. One barn hay drier is built on one dairy farm and is available for use. The plans for this barn were furnished by the agricultural engineering division of the Clemson Extension Service.

Silage Production

Silage production is reported under the agronomy section of this report.

Educational work among dairymen in the use of silage and need for this feed has been stressed throughout the year. Three additional silos will be built and filled next year on dairy farms as a result of this work.

Annual Grazing Crops

The necessity for temporary grazing crops has been stressed to all dairymen through a special campaign to encourage the production of both summer and winter grazing crops. As a result of this, quite an increase in annual grazing acreage has been secured. The fall and winter campaign has been more of a success than the summer. Practically all dairymen now have ample winter grazing, either ready to graze, or planted. A record was obtained on two of these annual grazing demonstrations and is found on the next page:

Summary of Summer Grazing Crop Demonstrations

Name	Crop	Acres	No. Cows	Months Grazed
Honey Hill Farm	Lespedeza Kobe	6	12	3
B. D. Bedell	Sweet Sudan	30	25	4

Permanent Pastures

Permanent pasture work is discussed in the agronomy section of this report.

Dairy Buildings and Equipment

The Agricultural Engineering Division have cooperated closely with the county agent in educational work and the furnishing and adapting of plans for dairy barns and milk houses. Results of this work were reported under the Agricultural Engineering section of this report.

Dairy Equipment: Five dairymen have followed the recommendations given by the extension service and have electrical milk cooling boxes for holding milk. A summary of these boxes follows:

Summary initial cost Electrical Milk Cooling Boxes

Name	Size of Box	Initial Cost
C. M. Keiffer	6 can	\$300.00
B. D. Bedell	8 can	500.00
W. R. Horton	12 can	500.00
Dan Horton	6 can	350.00
J. O. Patterson	6 can	350.00

Six electrical milking machines are now in use in the county. These machines consist of four International Harvester Machines and two Delaval Machines. The Electrical milkers have proved to be the biggest labor saving device used.

Marketing

Milk route: A milk route carrying whole milk to Charleston is being operated in Ridgeland three times a week. This route carries the milk from seven farms. This route has been averaging 400 gallons per trip. The price received is 55¢ per gallon, which makes approximately \$660.00 per week. During spring and summer when grazing is plentiful, this amount of milk is considerably higher, running as much as 900 gallons per trip.

Sales Dairy Cattle: The county agents have cooperated with farmers and commercial men in the selection and placing of twenty high grade cows in addition to the 1 bull listed on the first page of the dairy report. The total cost of the twenty cows has been \$3,000.00.

Milk production for family use

Commercial dairying has not done away with the stress placed on the need of a family milk cow for home use. The carload of Mississippi heifers brought into the county in 1945 have freshened and the majority of these heifers are proving to be very satisfactory milk cows. With more milk cows on dairy farms and good herd sires, family milk cows should begin to be available from the commercial dairies.

4-H Dairy Calf Club Work

Reported under 4-H Club Work.

ENTOMOLOGY AND PLANT PATHOLOGY

Extension work in Entomology and Plant Pathology for 1947 was composed of educational work with crops and livestock, insects and diseases. Beekeeping work was conducted through several demonstrations of re-hiving and requeening.

Crop Diseases

Dust treatment of cotton seed: All of the cotton seed sold by dealers in Jasper County were treated before being put on the market. As a result of this, very few farmers treated cotton seed, but as a majority of farmers in Jasper County buy cotton seed, practically all of the seed planted in Jasper County were treated. Practically all of the cotton seed treated in Jasper County are of wilt resistant varieties.

Small grain disease control: Practically all of the small grain seed planted in Jasper County have been treated this fall. A machine to treat small grain seed is established in the Jasper County Farmers' Service warehouse and all of the seed sold by this organization are treated and the large farmers send their seed in to have it treated. Approximately 3,000 bushels of small grain seed have been treated in the Jasper County Farmers' Service this fall. Another step towards good seed has been the installation of a seed cleaning machine by the Jasper County Farmers' Service. Practically all of the seed sold in the county and planted in the county has been re-cleaned over this machine.

Mosaic Resistant Sugarcane: The Mosaic Resistant varieties of sugarcane have just about replaced the old varieties. The CO-290 is proving to be the most popular variety and is rapidly expanding in acreage all over the county. Results of the seed brought into the county several years ago can still be seen and excellent fields of sugarcane are observed throughout the county.

Insects and Rodents

Boll Weevil Control: Continued educational information was given on the control of boll weevil in the spring of 1947. New insecticides are revolutionizing boll weevil control. One demonstration with B.H.C. was conducted this year and proved very satisfactory.

Insect Disease Control: Farmers were assisted in the treating of seed to control surface born diseases and in the control of potato bugs. Assistance was also rendered farmers in the way of recommendations to control pests preying on tomatoes and beans as well as other truck crops.

Caterpillar Control on Soybeans: The caterpillar caused little damage in 1947 to velvet beans. Army worms were very numerous in small areas and caused considerable damage.

Cattle Louse Control: Educational work on cattle louse control on infested herds has been conducted throughout the year. Practically all of the herds of cattle have shown signs of lice and the majority of the herds have been treated upon recommendations by the county agent. The same is true of cattle grub. Fifteen demonstrations on the use of this powder have been put on 4-H Club boys and girls calves.

Wireworm Control: Continued educational work was conducted on importance of proper rotation in control of wireworm in infested areas.

Screw worm control: A very heavy infestation of screw worms was experienced in the early spring, summer and fall months. The new material which was first put on the market in 1944, known as Smear 62, has proved to be an excellent control. Numerous individual demonstrations on the proper use of this material have been given during the year. This material is handled by practically all merchants and is available at all times to cattle producers.

Tick Survey: A survey of ticks on a number of herds of cattle was made in the spring and found that there were a number of ticks already on cattle. No dipping, or dusting was carried out and these cattle were examined later in the summer and showed no particular increase of tick infestation.

Rat Control: Forty-five demonstrations on the control of rats was given by the county agent with the use of cyano Gas. This has proved to be a very effective control and excellent results have been obtained in all demonstrations. One County-wide rat campaign was put on. One hundred and thirty packages of red squill were put in the hands of farmers. All results were good.

Sabadilla: This new material was introduced into the county in 1945, through demonstrations and has become very popular. Excellent results were reported and practically every demonstration proved to be very effective.

Fence Post Preservation: A number of farmers were furnished with information with the treating of fence posts with various materials during the year. The demonstration on Gregorie Neck Plantation, where 500 short leaf pine posts were treated with zinc chloride in 1945 is in the third year, 100 percent of post are good.

Miscellaneous: The county agent furnished information on numerous diseases and insect problems which were brought to him during the year.

Beekeeping

Beekeeping work was carried on in 1947, through inspection of hives. The agent visited all beekeepers.

Individual aid to beekeepers: The majority of work done with bees was done with individual farmers. Bee supplies have been handled in the Jasper County Farmers' Service warehouse. Seven farmers have been assisted with twenty hives of bees.

FORESTRY

Forestry extension work in 1947 included re-forestation, fire prevention, demonstration in timber estimating and scaling and work on 5-acre pulpwood thinning contest.

Woodland Examination and Selective Cutting: Sound forestry programs planned over a long period of time continue to be an important part of the forestry program in Jasper County. A large amount of the timber land in Jasper County is owned by people who own large acreages. This makes a timber program especially well adapted to these areas. Practically all of these farms have requested forestry assistance and reports have been written by technical foresters on the majority. Following is a list of the farms and acreages of each that have received woodland examinations in 1947:

Summary of Forestry Woodlot Examinations

Name	Address	Acreages Examined
John Morel	Pineland	1371
Total		1371

This farm has been given a report of this examination.

Five-Acre Pulpwood Thinning Contest: The 5-Acre Pulpwood Thinning Contest in Jasper County completed in 1947 showed some improvement over 1946. The purpose of this contest was to show farmers the advantage of harvesting their own pulp and thereby receiving additional income. Eight farmers enrolled with 4 completing. The winners and completions are listed below:

Summary 5-Acre Pulpwood Thinning Contest

Name	Address	Prize
C. M. Keiffer	Hardeeville, S. C.	1st. prize county \$25.00
Quitman Nettles	Ridgeland, S. C.	2nd. prize " 10.00
Ben Tuten	Early Branch, S. C.	3rd. prize " 5.00

Tree plantings: Farmers were not able to secure all of the seedlings that they desired in 1947. The following seedlings were planted in Jasper County:

Summary of Tree Plantings

Name	Address	Species	Number
H. L. Harris	Ridgeland	Long Leaf	1,000
H. L. Harris	"	Loblolly	500
Total			1,500

Arbor Day Program: An Arbor Day Program was held December 6, 1946 with an attendance of 75. A cork oak was planted on the grounds of the Agricultural Building in Ridgeland.

Rural Fire Prevention Program: Publicity has been given to the prevention of fires through news articles, circular letters and meetings. Information was distributed on control burning.

Marketing: In addition to advice given farmers and up to date list of saw-mills operated in the county was compiled during the year. This information is available to farmers at their request. A list of Saw Mills follows:

List of Sawmills in Jasper County

Name	Address
Argent Lumber Company	Hardeeville, S. C.
Ritter Lumber Company	Tillman, S. C.
Godwin Lumber Company	Tillman, S. C.
Carter Lumber Company	Ridgeland, S. C.
Ridgeland Lumber Company	Ridgeland, S. C.
Baxley Lumber Company	Early Branch, S. C.
Jasper Lumber Company	Coosawhatchie, S. C.
Cypress Woods Farm	Ridgeland, S. C.
Taylor Lumber Company	Ridgeland, S. C.

FOUR-H CLUB WORK

Boys' Four-H Club work was conducted in seven clubs in Jasper County in 1947, with an enrollment of 168. Each club was in charge of the local leader and regular meetings were held. Two County Council meetings were held and one summer encampment. Delegates were sent to special camps.

Summary of enrollment and completions: Following is given a list of the clubs and the summary of enrollment, number of completed demonstrations and percent completions:

Summary 4-H Club Enrollment and Completions

Name of Club	No. Members Enrolled	No. Completed Demonstrations	Percent Members Completing Demons.
Tillman	21	21	100
Grays High	11	11	100
Grays Grammar	24	20	83.3
Ridgeland Grammar	41	40	97.5
Ridgeland Jr.	23	21	91.3
Ridgeland Sr.	23	20	91.3
Hardeeville Grammar	25	25	100
Total	168	158	94.7

Following is given a summary of 4-H Club enrollment of boys and yearly completions from 1930-1947.

Summary 4-H Club Enrollment and Completions 1930-1947

Year	Enrollment	Completions	Percent Completions
1930	73	28	38
1931	51	31	61
1932	59	25	42
1933	52	27	52
1934	55	24	44
1935	78	37	47
1936	58	29	50
1937	66	35	53
1938	112	76	68
1939	115	93	81
1940	125	75	62
1941	108	70	65.5
1942	99	90	91
1943	142	111	78
1944	150	92	61
1945	101	93	92.9
1946	145	143	98.6
1947	168	158	94.7
Total	1757	1237	65.6

Summary of 4-H Club Demonstrations: On the following pages will be found 4-H Club demonstrations completed in 1947:

Summary Completed Demonstrations - 1947

Demonstrations	No. Dems. Completed	Value Products	Cost	Profit
Corn	17	\$ 2,565.00	\$ 843.24	\$1,721.76
Dairy Cattle	4	649.00	314.35	334.65
Hog Feeding	56	3,876.96	2,636.60	1,240.36
Sow & Litter	3	461.00	237.35	223.65
*Beef Club	12	3,258.88	3,007.43	251.45
Broiler Record	29	992.82	801.34	191.48
Laying Hens	6	1,439.26	858.43	580.83
Sweet Potato	7	1,469.68	719.83	749.85
Garden	36	990.18	490.32	499.86
Bees	1	58.00	10.00	48.00
Forestry	1	15.00	7.70	7.30
Work Animals	1	174.50	125.00	141.50
Total	173	\$15,950.28	\$10,051.59	\$5,898.69

*Five girls fed calves.

The above summary shows the results of 173 completed demonstrations in 4-H Club work in 1947. A total of \$15,524.26 of products was produced at a cost of \$9,738.74, leaving a profit of \$5,786.02.

A summary of these records by projects is found on the following pages:

Summary of corn yields by 4-H Club boys 1937-1947: Following is the summary of the average annual yields per acre of corn produced by 4-H Club boys in Jasper County for the period 1937 - 1947 as compared with the county average.

Year	Average Bushel per Acre
1937	28.5
1938	33.0
1939	No Record
1940	27.7
1941	22.2
1942	22.9
1943	18.9
1944	24.0
1945	42.4
1946	35.5
1947	37.5
County Average	14.0
4-H Club Average	29.2

This table shows that over a period of eleven years in which 37.5 yields were recorded, boys 4-H club members have averaged 29.2 bushels as against 14.0 for farmers.

4-H Club Records

On the following pages is found a summary of 4-H Club records completed in 1947.

CORN CLUB

County Jasper

19 47

Name of Member	No. Acres	Yield (Bu.)	Total Value	Total Cost	Total Pro fit
Adolph Cannon	1	7 $\frac{1}{2}$	\$15.00	\$14.50	.50
Ralph Dobson	1	35	70.00	24.75	45.25
* J. W. Wall, Jr.	2	50	100.00	38.87	61.13
Weldon Wall	2	45	90.00	38.87	51.13
Harold Wall	2	47	94.00	38.87	55.13
Marion Smith	1	25	50.00	24.50	25.50
Coy Sumler	2	30	60.00	35.00	25.00
Carl Walsh	2	48	96.00	26.50	69.50
Richard Tindal	1	10	20.00	19.85	.15
Ollie Langford	3 $\frac{1}{2}$	150	300.00	109.00	191.00
* Byron Vaigneur	5	350	700.00	152.00	548.00
Connie Fender	1 $\frac{1}{2}$	40	80.00	37.90	42.10
Richard Bryan	1	40	80.00	27.40	52.60
Bobbie Joe Cleland	2.2	40	80.00	31.45	48.55
Kenneth Stanley	1	25	50.00	23.43	26.57
John S. Williams	1	30	60.00	24.50	35.50
* David Lowther	5	310	620.00	175.85	444.15
Total	34.2	1282 $\frac{1}{2}$	\$2565.00	\$843.24	\$1,721.76
J. W. Wall, Jr. won first prize single ear entry at State Fair					
Byron Vaigneur won 4th. place in county corn contest.					
David Lowther won 5th. place in county corn contest.					

County Jasper 19 47

[illegible]

CALF CLUB

Dairy -- Beef
(Scratch one)

County Jasper 19 47

Name of Member	No. Animals	Days Fed	Gain In Wt.	Total Value	Total Cost	Profit
Jimmie Vaughn	1	-	-	\$202.36	\$159.75	\$42.61
Rodney Malphrus	1	-	-	99.17	82.20	16.97
Edwin Floyd	1	-	-	160.47	99.75	60.72
Pat Smith	1	-	-	216.43	207.50	8.93
Jimmy Brantley	2	-	-	384.70	374.46	10.24
Jack Brantley	2	-	-	366.75	345.29	21.46
Byron Vaigneur	1	-	-	110.50	100.25	10.25
Mary Vaigneur	1	-	-	102.00	100.25	1.75
Sarah Vaigneur	1	-	-	105.00	100.25	4.75
Patricia Vaigneur	1	-	-	109.00	100.25	8.75
Bert Hubbard	1	-	-	145.00	142.85	2.15
Nancy Roberts	1	-	-	182.80	182.92	-.12
Grace Roberts	1	-	-	136.70	191.97	-55.27
Wallace Roberts	1	-	-	116.80	172.39	-55.59
J. W. Wall, Jr.	2	-	-	452.20	355.00	97.20
Weldon Wall	1	-	-	177.75	140.25	37.50
Harold Wall	1	-	-	191.25	152.10	39.15
Total	20	-	-	\$3258.88	\$3007.43	\$251.45

Name of Member	No. Animals	Days Fed	Gain in Wt.	Total Value	Total Cost	Profit
Rodney Malphrus	2	85	135.72	\$129.35	\$67.74	\$51.61
Charles Broxton	1	85	56.2	62.60	61.60	1.00
Bryon Vaigneur	2	130	221	137.74	83.80	48.94
Bert Hubbard	1	67	115	57.52	35.00	22.52
Carol Stanley	2	79	222	90.40	72.59	17.81
Wallace Hubbard	1	67	110	54.52	34.00	20.52
Grady Floyd	1	71	113	69.13	46.60	22.53
* J. W. Wall, Jr.	2	84	214	138.50	63.47	75.03
Harold Wall	2	84	251	149.20	58.47	90.73
Weldon Wall	2	84	200	105.87	68.47	40.90
Junior Floyd	1	77	142	61.00	43.60	17.40
G. L. Grainger	1	87	165	64.27	27.50	36.77
Ervin Floyd	1	72	112	47.76	44.10	3.66
Everett Floyd	1	72	98	44.84	43.65	1.19
Marion Koth	1	75	140	60.87	62.25	-1.38
Bernard Simmons	1	54	62	36.96	34.06	2.90
Jack Norris	2	59	155	94.40	68.50	25.90
Hugh Lee Jones	1	85	165	63.10	51.30	11.80
Kenneth Cleland	1	55	110	20.00	8.00	8.00
* Jack Nettles	1	90	150	-	35.00	-35.00
Jimmy Lowther	1	97	190	45.00	36.50	10.50
Roland Floyd	1	120	202	52.00	38.50	13.50
W. A. Smith	1	130	195	30.00	29.50	.50
Clint Floyd	1	75	150	35.00	26.00	5.00
Jimmy Cook	1	60	120	50.00	41.00	9.00

PIG CLUB

Pig-Fattening Class

Name of Member	No. Animals	Days Fed	Gain In Wt.	County	Jasper	1947
				Total Value	Total Cost	Profit
Rudolph Malphrus	1	180	220	\$79.23	\$33.00	\$46.23
Roy Gunnells	1	120	177	54.50	42.50	11.50
Reese Horton	1	90	155	42.35	29.50	12.85
Billy Into	2	175	240	115.20	70.00	45.20
Dowe Into	1	42	120	42.85	31.50	11.35
Edison Smith	3	60	120	54.00	26.00	28.00
Robert Cope	1	90	120	51.00	38.00	13.00
Collins Malphrus	1	180	120	30.00	25.35	4.65
William Boyles	1	240	225	75.00	49.50	25.50
George Lee Webb	2	75	236	122.40	77.60	44.80
David Webb	2	75	230	126.40	83.30	43.10
Bobby Mears	2	118	192	80.00	60.00	20.00
William Simmons	1	49	122	52.85	34.00	18.85
Eugene Simmons	1	30	60	30.15	25.00	5.15
Edison Tindal	1	130	150	60.00	55.00	5.00
William Smith	1	75	112	54.65	39.50	15.15
Robert Cope	1	90	118	50.00	39.00	11.10
Wallace Roberts	2	90		76.50	53.00	23.50
Bernard Cope	1	130	118	50.00	39.50	10.50
Wesley Smith	1	90	91	45.00	33.45	11.45
Winkey Malphrus	1	190	200	55.00	31.50	23.50
Brantley Cooler	1	140	?	50.00	36.50	13.50
Tommy Cooler	1	100	110	40.00	35.85	4.15
Dale Malphrus	1	125	125	60.00	53.00	7.00
Marion Dean	1	60	60	25.00	25.00	-
Herman Malphrus	1	70	100	65.00	36.50	28.50
Brown Padgett	1	240	180	50.00	45.00	5.00
W. H. Davis, Jr.	1	180	240	79.35	70.00	9.35
Total	67	5378	7715	\$3,876.96	\$2,636.60	\$1,240.36

Harold Wall Grand Champion Barrow at the Ridgeland Fat Barrow Show.

J. W. Wall Reserve Champion at Ridgeland Fat Barrow Show.

COUNTY Jasper 19 47

[illegible]

POULTRY CLUB

County Jasper 19 47

Name of Member	Eggs Set	Strong Chicks Bought of Hatched	Total Value	Total Cost	Total Profit
Walter Reid		100	\$50.00	\$25.30	24.70
Johnny Shoemaker		25	20.20	16.20	4.00
Olin Cleland		50	15.00	20.00	-5.00
Joe Altman		50	67.75	50.00	17.75
Frankie Malphrus		15	25.00	21.00	4.00
James Wall		56	64.55	23.30	41.25
Glenn Jarrell		50	48.00	36.90	11.10
Winifred Bowman		100	65.00	20.55	44.45
Marvin Malphrus		15	16.00	15.00	1.00
Wallace Altman		50	47.00	33.82	7.18
Charles Boyles		100	25.00	33.50	-8.50
Jasper Cooler		150	10.00	24.35	-14.35
Curtis Smith		10	10.00	15.00	-15.00
Walter Smith		100	96.00	72.75	23.25
Collins Prescott		25	24.00	14.20	9.80
Everett Altman		50	74.10	25.30	58.80
James Nettles		100	65.00	54.85	11.15
Ronnie Gunnells		25	9.00	25.50	-16.50
Elias Pinckney		100	17.00	31.30	-14.30
Everett Horton		50	27.50	13.00	14.50
Rogers Mock		100	80.00	30.50	49.50
Raymond Boyles		25	30.00	22.52	7.48
Kenneth Long		100	50.00	32.00	18.00
Robert Ramsey		100	70.00	35.00	35.00

POULTRY CLUB

County Jasper 19 47

Name of Member	Strong Chicks Bought or Hatched	Total Value	Total Cost	Total Profit
Gerald Cooler	25	\$20.00	\$12.75	\$8.52
Harry Harper	25	20.70	19.70	1.00
Dayton Williams	25	21.00	18.05	2.95
Donald Sears	100	30.00	18.00	12.00
Leland Nettles	100	50.50	24.00	26.00
Total	846	\$992.82	\$801.34	\$191.48

Laying Hens Club

		County	<u>Jasper</u>	<u>19 47</u>
<u>Name of Members</u>	<u>No. of Hens</u>	<u>Total Value</u>	<u>Total Cost</u>	<u>Profit</u>
Charles Brabham	100	\$190.00	\$48.30	\$141.70
Harold Thomas	100	225.00	100.00	125.00
James Walter Smith	50	537.86	330.53	207.33
Tommy Garbold	17	118.90	66.00	52.90
Lewis Mathis	70	184.30	156.80	27.50
Olin Malphrus	100	183.20	156.80	26.30
<u>Total</u>	<u>437</u>	<u>\$1,439.26</u>	<u>\$858.43</u>	<u>\$580.83</u>

Work Animal

<u>Name of Member</u>	<u>No. Animals</u>	<u>Value</u>	<u>Cost</u>	<u>Profit</u>
Jimmy Cleland	1	\$174.50	\$125.00	\$149.50

Forestry

<u>Name of Member</u>	<u>No. Acres</u>	<u>Value Product</u>	<u>Cost</u>	<u>Profit</u>
Freddie Nimmer	1	\$15.00	\$7.70	\$7.30

County

Jasper

19 47

[illegible]

GARDEN CLUB

County Jasper 19 47

Name of Member	No. of Acres	Yield (Bu.)	Total Value	Total Cost	Profit
James Hayman	$\frac{1}{2}$	7	\$21.00	\$8.00	\$13.00
Paul Horry	$\frac{1}{2}$	10	23.00	8.50	14.50
Frederick Gooding	$\frac{1}{2}$	8	20.00	7.50	12.50
J. C. Denton	$\frac{1}{2}$	9	20.00	6.00	14.00
William Roberts	$\frac{1}{2}$	15	25.00	12.00	13.00
David Lamb	$\frac{1}{2}$	15	31.00	17.75	14.25
Douglas Reid	$\frac{1}{2}$	10	20.00	10.50	9.50
Roy Crosby	$\frac{1}{2}$	7	12.00	8.00	4.00
Donald Sears	$\frac{1}{2}$	10	14.00	7.00	7.00
Johnny Harrison	$\frac{1}{2}$	5	10.00	8.52	1.32
C. E. Malphrus	$\frac{1}{2}$	6	12.25	10.40	1.85
* Elton Hendricks	1/8	1	25.00	20.00	5.00
Daniel Woods	$\frac{1}{2}$	30	60.00	40.50	19.50
David Archer	$\frac{1}{2}$	15	30.00	21.85	8.15
William Smith	1	32	62.75	25.00	37.75
Roy Tillitson	1/8	8	16.00	15.00	1.00
Marion Horry	$\frac{1}{2}$	20	40.00	12.75	27.25
Rufus Lamb	$\frac{1}{2}$	18	36.00	13.40	22.60
Nick Matthews	$\frac{1}{2}$	21	63.00	17.50	45.50
Connie Fender	$1\frac{1}{2}$	30	61.50	39.30	22.20
Albert Browning	$\frac{1}{2}$	25	46.10	20.65	25.45
Von Lehe Ginn	$\frac{1}{2}$	6	22.83	8.83	14.00
James Boyles	$\frac{1}{2}$	10	20.00	11.75	8.25
Jackie Ford	$\frac{1}{2}$	13	26.00	13.25	12.75
Ernest Cook	1/3	18	37.50	11.70	25.80
Franklin Boyles	$\frac{1}{2}$	25	50.00	31.75	18.25

GARDEN CLUB

County Jasper 19 47

Name of Member	No. of Acres	Yield (Bus)	Total Value	Total Cost	Profit
J. E. Smith	3/4	42	\$37.00	\$17.25	\$19.75
Neal Smith	3/4	33	66.00	25.40	41.20
Jimmie O'Quinn	1/2	19	30.00	18.50	12.00
Billy Horry	1/4	12	33.00	8.00	15.00
Ed. Heape	1/8	5 1/2	10.00	5.60	4.90
Frankie Cleland	1/2	19	30.50	18.50	12.00
Total	13 1/8	498 1/2	\$990.18	\$490.32	\$499.86

* Strawberries

Von Lehe Ginn sold plants from hot bed also.

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BEE CLUB

COUNTY Jasper 19 47

Name of Member	No. Demonstrations	Value of Products	Cost	Profit
Frankie Thomas	1	\$58.00	\$10.00	\$48.00

Four-H Council

Two County-Wide Rally days were held during the year. One of these in the spring and the other in the fall. The officers of the County Council are:

Byron Vaigneur, President, Jimmie O'Quinn, Vice-President, Jeannette Woods, Sec., & Treas., Betty Horton, Program Chairman.

Conservation Camp

Two boys and two girls along with the Assistant Agent attended the Conservation camp held at Camp Bob Cooper. The boys and girls attending were: J. W. Wall, Jr., Byron Vaigneur, Eliza Mears and Dorothy Roach.

Four-H Judging Team

The boys 4-H Livestock Judging Team won second place in the district contest at Ehrhardt in the spring. The team was composed of Jimmie O'Quinn, Freddie Jimmer, J. W. Wall, Jr., and Oswell Malphrus.

The Dairy Judging Team composed of Rodney Malphrus, Bryon Vaigneur, J. W. Wall, Jr., and Ann Bedell won first in District Contest and 3rd. place in State Contest.

Annual 4-H Encampment

Thirty-two 4-H Club boys attended the regular summer camp at Camp Long, July 28 - August 1. All of this number took the tractor driving course.

Activities

Sixteen calves were shown and exhibited at Ehrhardt in the spring. Nineteen calves are on feed and will be shown next spring. Six boys showed 6 ten ear corn exhibits at the State Fair, and J. W. Wall, Jr., placed 1st. in single entry.

A tree planting demonstration was attended by seven leading 4-H club boys.

An arbor day program was also conducted.

Rural Life Sunday

Rural Life Sunday was observed in all Protestant Churches in which 4-H Clubs are organized. There was an attendance of 665.

Fat Barrow Show

Sixty-seven hogs were fed out by 4-H Club members in the Fat Barrow Show which was sponsored by the Ridgeland Lions Club. One Hundred Dollars was given in prize money. Grand Champion Barrow owned by Harold Wall and sold for 41¢ per lb. Plans are being made for another show and sale this coming spring.

Carl Walsh a member of the Grays 4-H Club won a steer at the Edisto Savannah Fat Stock Show and is doing a good job of feeding this calf out.

Pat Smith winner in State Health Improvement Contest attended the 4-H Club Congress at Chicago and is more enthused with 4-H Club work on his return. Wesley Smith of Grays also won district health improvement contest.

Byron Vaigneur won the State Citizenship and Essay Contest and was guest of the Governor at the State Fair and Governor's Mansion.

Harold Wall won the "Free Trip to Camp Contest", sponsored by Mr. W. J. Ellis, who is Senator in Jasper County.

Other activities which the 4-H club members were very active in are: The County X-Ray Program, Rat Eradication Program and 4-H Radio Broadcast.

MISCELLANEOUS 4-H REPORT

COUNTY Jasper 19 47

4-H Farm Tenancy: Total Club Members 168; Number whose parents are tenants 87.

Conservation Practices: Number who applied lime 0; Phosphate 0; Potash 0; Number who practices terracing or drainage 20; Grew cover crops 15; Irrigated garden 0; Improved wildlife 10; Number of 4-H meetings at which AAA practices were taught 7; Attendance 150.

Fair Exhibits: Number members exhibiting 65; Number exhibits shown 75; Number exhibits winning prizes 38; Prizes won in Dollars \$165.00. Farm Improvement: Articles made 65; Home Ground improved 97; Other Improvements 34.

HORTICULTURE

Horticulture Extension work in Jasper County in 1947 included demonstrations with sweet potatoes, cucumbers, snapbeans and placing fruit trees.

Gardens

Home Gardens: Information on home gardens was presented to the farmers of Jasper County in monthly garden letters, newspaper articles and meetings. Continued emphasis has been placed on a year round garden throughout the year. As a result of the garden program, good gardens were seen over the entire county. Garden seed were handled through the Jasper County Farmers' Service.

Sweet Potatoes

The sweet potato program has continued to be stressed in 1947. The acreage of potatoes was decreased due to an extended drought during the regular potato planting season. A few potatoes have been sold field run, but more potatoes are being placed in storage than have been in the last two years. There is still work to be done in improving the quality of potatoes grown. This has been accomplished through bringing in pure seed. Cypress Woods Corporation sold certified seed to a number of farmers during the spring.

4-H Club Sweet Potato Contest: Seven boys enrolled in the 4-H Club Sweet Potato Contest, however, one boy dropped out and automatically through the county out.

Harvesting: The county agents have assisted five farmers in harvesting potatoes in 1947. One harvesting demonstration was conducted.

Electric Hotbeds: Three electric heated hotbeds were installed on Cypress Woods Farm. A summary of this demonstration follows:

Summary Sweet Potato Hot Bed

Name	No. Bed	Size	Bus. Planted	No. Pulling	Plants Pulled
Cypress Woods	3	6' X 60	208	3	325,000

A demonstration on the use of varying amounts of fertilizer and cut sprouts was run with Mr. J. F. Rivers, Sr. A summary of these records follows:

Summary Sweet Potato Demonstration

Name	Acres	Treatment	1	Yield 2	Bushels culls
J. F. Rivers	3/4	Cut sprouts 600#			
" "	"	fertilizer per A. 100		50	50
" "	1	Vines 400# Fert.			
" "	"	per A.	30	30	40
" "	1	Vines 800# Fert.			
" "	"	Per A.	50	30	20

The table shown on the preceding page shows that higher fertilization paid

Home Orchards

One Home Orchard demonstration is being conducted on the farm of c. P. Fleming. This orchard is a five year old orchard and had considerable fruit this year. Approximately 20 percent of the trees have died. Peach trees grafted on nemetode resistant stock were placed with a number of farmers. A list of these placings follows:

Summary Peach Trees Planted

Name	Address	No. Trees
Robbie Horton	Early Branch, S. C.	10
Harry Cooler	Ridgeland, S. C.	2
Harry Cooler, Sr.	"	2
Mrs. Agnes Preacher	"	4
Mrs. Cora Beach	"	1
Elbert Jones	"	5
Mrs. B. D. Bedell	"	3
H. M. Taylor	"	2
J. A. Kinard	"	2
Mrs. T. F. Clements	Tillman, S. C.	15
B. J. Perry	Ridgeland, S. C.	4
Total		50

Commercial Vineyards

The fifty acres of grapes on Cypress Woods have been given more attention in 1947 and have made some progress. Bermuda grass has caused considerable trouble in this area. The Bermuda has been cleared with a rotary tiller on a tractor.

Truck Crops

Work with truck crops consisted of marketing and producing snapbeans, irish potatoes and cucumbers.

Snapbeans: The acreage planted to snapbeans was smaller than usual due to weather conditions being unfavorable. Due to late seasons in Florida, we were shipping the same time. Practically no farmers made money. The county agent assisted in the marketing of bean crops through a Central Packing Shed. A summary of snapbean production demonstration follows:

Summary of Snapbean Demonstration

Name	No. Acres	Hamper Yield	Returns	Cost	Profit
J. F. Rivers	1.5	200 bus.	\$500.00	\$179.40	\$320.60

Irish Potatoes: The Irish Potato acreage was very small in 1947 and had it not been for Government support losses would have been heavy.

Cucumbers: The cucumber acreage in Jasper County is increasing every year. This was a bad year for cucumbers also, due to late spring. A summary of one cucumber demonstration record is found below:

Summary of Cucumber Demonstration

Name	No. Acres	Yield	Returns	Cost	Profit
J. F. Rivers, Sr.	2.0	250	\$500.00	\$203.95	\$296.05

MARKETING

Extension work in marketing for 1947 consisted of demonstrations in grading, packing and aiding farmers in cooperative buying and selling of farm products. The Jasper County Farmers' Service organized in 1943 was the center of marketing work in 1947. The county agent has served as Secretary to the Board of Directors and has assisted in the operation of this organization throughout the year. The purpose of which is to buy and sell to and from farmers any commodity used or grown on the farm. For a more complete report of this marketing work, see Milbank Program reported later in this report.

Grading and Packing: The County agent, assisted by Marketing Division of the Extension Service, has worked closely with producers of vegetables and other truck crops in the interest of improving the grade and quality of produce marketed through the farms of Jasper County. Farm visits were made where grading and packing were discussed and demonstrations given. The majority of sweet potatoes and irish potatoes have been sold on government inspection.

Central Packing Sheds: Two Central Packing Sheds were operated during the bean season in Jasper County and two Central Packing Sheds for cucumbers during the cucumber season. The two bean sheds were operated by Mr. A. M. Withers and Mr. Dave Bowen. These two sheds purchased approximately 20,000 hampers of beans. The two cucumber sheds were operated by Mr. A. M. Withers and the Jasper County Farmers' Service. These two sheds packed approximately 25,000 tubs during the season. These two items accounted for approximately \$50,000.00, to the farmers of Jasper County.

Cooperative Marketing Association: The Jasper County County Farmers' Service is not a cooperative, but for all practical purposes serves the farmers in Jasper County to the same advantage. It is hoped that this organization will be made into a cooperative in the near future. The organization has greatly helped the general marketing and agricultural welfare of Jasper County. For a report on this part of marketing see Milbank project.

Marketing of surplus farm products: The county agent cooperated with farmers of Jasper County throughout the year in the marketing of farm products where assistance was needed. A summary of marketing work in 1947 is given below:

Summary Marketing Work - 1947

Products	Quantity	Bought	Sold
Transient Labor Camp	27 Hutments	\$7,000.00	
Dynamite	2,000 Lbs.	480.00	
Bull Dozier HD14	1	9,500.00	
Nitrate	10	530.00	
Hay	25 Tons		\$750.00
Seed Sweet Potatoes	1,000 Bus.		3,500.00
Oats feed	67 Bus.		67.00
Tobacco seed	10 oz.	10.00	
Tobacco covering	5	40.00	

Summary Marketing Work - 1947

Products	Quantity	Bought	Sold
Purebred boars	9	\$400.50	
Purebred gilts	5	875.00	
Purebred Beef Bulls	9	1,459.00	
4-H calves	25	500.00	\$2,300.00
Jack	1	150.00	
Guernsey Bull	1	85.00	
Dairy Equipment			1,000.00
Dairy cows	20		3,000.00
Milk	78,000 gals		36,340.00
Produce			70,000.00
4-H hog show & sale	82		5,200.00
Corn	1,000 bus.		2,000.00
Hogs feeders	500 hogs		5,000.00
Feeds		15,000.00	15,000.00
Seeds		110,000.00	10,000.00
Farm Commodities		5,000.00	5,000.00
TOTAL		\$51,029.50	\$159,157.00
Total calves bought and sold		\$210,186.50	

POULTRY

Extension work with poultry in Jasper County consisted of assisting farmers to buy baby chicks, selling baby chicks, through Jasper County Farmers' Service, vaccination demonstrations on turkeys and chickens, turkey demonstrations and general educational information.

Vaccination demonstrations: Two poultry vaccination demonstrations for chicken pox were conducted in 1947. So many of these demonstrations have been given until the agents are called on to do very little of this work, as most farmers are able to do their own work. A summary of the vaccination demonstrations given in 1947 follows:

Summary of Poultry Vaccination Demonstrations

Name	No. of Birds Vaccinated	No. Died	No. Cases Chicken Pox
A. J. Weeks	35	0	0
S. W. Wilburn	425	0	0
Total	460	0	0

Pullorum tested flocks: The turkey flock of Cypress Woods has been tested for pullorum.

Poultry houses: Reported under Agricultural Engineering.

Poultry 4-H Club Work: Reported under 4-H Club Work.

Poultry Marketing: Reported under Marketing.

Turkey Demonstrations: The two turkey demonstrations conducted have not been completed as both farms had late poults, and no way of accurately separating the expense from these two flocks was available until the last poults have been sold. The two demonstrations were conducted on Cypress Woods Corporation farms with 17,000 turkeys and Mr. S. W. Wilburn's farm, with 500 turkeys.

VISUAL INSTRUCTION

Visual Instruction work for the year consisted of the use of Motion Pictures. The county agents have used the projector and screen for various shows in the County.

Educational Motion Pictures: Motion pictures were used in meetings as a means of getting across information. This has proven to be one of the best methods of educational work. Motion pictures were shown to groups with a total attendance of 601.

Photographs: No photographs were made this year of projects.

Charts and Maps: Charts and Maps were used at one farmers meeting.

Summary Use of Visual Instruction Aids

Visual Aid Used	No. Meetings	Attendance
Motion Pictures and Slides	18	524
Charts and Maps	1	77
Totals	19	601

A. A. A. ACTIVITIES

Following is a summary of the educational activities of the county agent in connection with A.A.A. program of Jasper County during 1947:

Days devoted to A.A.A. Activities	17
Number of Educational Meetings held	13
Attendance of farmers and others	185
Number of Training meetings held for committeemen	.0
Number of Farm visits made Re: A.A.A. Matters	75
Number of News stories published	12
Number of Individual circular letters written	2
Number of office calls A.A.A. program	425

Farmers have been encouraged through the County Agents to make use of the A.A.A. Program in improving their soil fertility and farm income. Educational information has been furnished to farmers throughout the year in the A.A.A. program. Farmers have been urged to take their maximum soil-building allowance in limestone, phosphate, basic slag or cover crop seed. As a result of continued educational information and work 939 tons of agricultural limestone, 117 tons of phosphate and approximately 83 tons of basic slag have been ordered.

PUBLICITY

Publicity work in the distribution of educational information in connection with the 1947 Extension Program in Jasper County was done through circular letters, Press articles, Radio Talks and distribution of Bulletins. A summary of work done in this connection is given as follows:

Summary of Publicity Work

Individual letters	887
Circular Letters	47
Copies mailed	12129
Bulletins distributed	1922
Radio Talks	11
Press Articles	53

Circular Letters: These letters contained information on timely agricultural matters, notices of meetings and information on results of demonstrations and experimental work. Specimen copies of circular letters are attached to this report.

Press Articles: A total of 53 Press Articles of information and material that should be given to farmers were published in the Jasper County Newspaper during the year. Specimen copies of news articles is attached to this report.

Bulletins Distributed: Bulletins were distributed to farmers and 4-H Club members throughout the year by personal contact, letters and public bulletin boards.

Radio Talks: The County Agents appeared on Radio Programs over Station WTOG in Savannah during the majority of 1947 every six weeks. This program is conducted by the County and Home Agents of Jasper, Hampton and Beaufort Counties.

TILLMAN AGRICULTURAL CLUB

The Tillman Agricultural Club has continued to meet the last Thursday in every month throughout the year. Programs and a supper have been enjoyed at each meeting. The club now has approximately 18 members and fairly regular attendance is maintained. This is one of the most effective ways the County Extension Agents have of getting information to farmers.

MILBANK SERVICE

The Milbank Program in 1947 made considerable changes and in making these changes the Board of Directors feels strengthened this program. I would list the major changes that have taken place as follows:

- 1 - Mr. J. D. O'Quinn replaced H. M. Jones as Manager
- 2 - J. H. Perryman has been hired as an Auditor
- 3 - Additional \$10,000.00 has been given by Mr. Milbank

A discussion of these items is found in the paragraphs that follows:

Mr. J. D. O'Quinn, who for a number of years taught school in Ridgeland and worked with the Soil Conservation Service immediately after his release from service, was hired as General Manager of the Jasper County Farmers' Service. Mr. O'Quinn is a graduate of Clemson College and is well qualified to carry on the business and conduct the educational work of the Jasper County Farmers' Service.

Records that had been kept by the former Manager for the past year were very inadequate and as a result of this, it is impossible to show the volume of business and the accurate account of business during the past year up until July 1, 1947. When Mr. O'Quinn took over, he requested an audit by a certified public accountant. It was the desire of the directors to continue to have an audit made of the books quarterly.

Mr. Jeremiah Milbank indicated that he was willing to put additional funds into the Farmers Service if an approved program would be submitted to Clemson. As a result of this, a joint meeting of the Clemson College Advisory Committee and the local Directors was held on Tuesday, June 17, 1947 in the Agricultural Building. The three proposed projects at this meeting were: (1) Additional Livestock Facilities. (2) Produce Market (3) Expanded Branch Feed and Seed Stores. Mr. J. T. Moll stated at this meeting that Mr. Milbank would be willing to put \$10,000 in 1947 and \$10,000 in 1948. There has been considerable discussion about the use of this money as can be seen in the minutes. At present the \$10,000 for 1947 will be used to retire the \$5,000 loan from the Bank of Ridgeland and a \$2500.00 note to Mr. Milbank. The remaining \$2500.00 will be used for additional equipment.

A list of the present Board of Directors and the Terms of office expiring is found below:

J. H. Mayer, Chairman	1950
B. J. Perry, Vice-Chairman	1948
N. R. Davis, Jr., Sec.,-Treas.,	1949
B. D. Bedell	1948
J. H. Langford	1949
S. D. Zahler	1950
H. P. Woods	1950

An advisory board from the Clemson College Extension Service has been appointed to serve on this project. A list of this committee follows:

A. H. Ward, District Agent, Aiken, S. C., Chairman
H. A. Woodle, Extension Agronomist, Clemson, S. C.
H. A. Bowers, Asst. Extension Horticulturist, Barnwell, S. C.
C. G. Cushman, Extension Dairyman, Clemson, S. C.
T. A. Cole, Marketing Chief, Columbia, S. C.
J. R. Hawkins, Livestock Specialist, Columbia, S. C.
R. D. Steer, Cooperative Marketing, Greenwood, S. C.

Immediately following the Minutes will be found a Financial Statement as of October 1, 1947.

Immediately following this page will be found copies of Minutes of all of the meetings of the Board of Directors.

JASPER COUNTY FARMERS' SERVICE
Reconciliation of Bank Account
October 1, 1947

Exhibit "A"

\$2363.33

Balance Per Bank Statement

	Number	Amount	
Less Outstanding Checks:	3329	\$ 12.50	
	3602	70.98	
	3618	3.00	
	3625	27.20	
	3634	120.03	
	3645	83.34	
	3648	1000.00	
	3649	200.00	
	3650	4.20	
	3651	167.50	
			\$1688.75
			674.58
Add: Deposit 9/30/47 in transit			353.90
Balance per Books			<u>\$1028.48</u>

JASPER COUNTY FARMERS' SERVICE
Trial Balance
October 1, 1947

Exhibit "B"

	Debit	Credit
Cash	\$ 50.00	\$
Bank of Ridgeland	1028.48	
Accounts Receivable	14910.78	
Reserve for Uncollectible		569.21
Inventory	5459.50	
Office Furniture and Fixtures	833.71	
Res. for Depreciation - F & F		25.00
Store Equipment	3060.92	
Res. for Depreciation - Store Equipment		96.15
Poultry Equipment	100.00	
Res. Depreciation - Poultry Equipment		33.33
Transportation Equipment	2016.25	
Res. Depn. - Transportation Equipment		388.38
Produce Shed	762.22	
Prepaid Insurance	401.07	
Railroad Spur	692.60	
Res. Depreciation - Trackage		115.43
Sweet Potato Bed	110.60	
Res. Depreciation - Sweet Potato Bed		27.65
Electric Elevator	472.43	
Block Building	67.50	
Notes Payable - Milbank		7500.00
Notes Payable - Bank of Ridgeland		5000.00
Accounts Payable		6960.97
Clemson College - Milbank Fund		1206.93
Accrued F.O.A.B. Tax		25.09
Accrued Withholding Tax		60.65
Surplus		13643.48
Sales - Feed		17226.88
Sales - Seed		2670.95
Sales - Other		3738.00
Purchases	24332.28	
Freight, Express & Drayage	215.16	
Salaries and Wages	2830.57	
Rent	250.02	
Taxes	16.90	
Interest	50.42	

JASPER COUNTY FARMERS' SERVICE
Trial Balance
October 1, 1947

Exhibit "B" (Continued)

Gas, Oil, and Tires	\$ 378.14	\$
Repairs, Transportation Equipment	138.11	
Truck License	3.30	
General Repairs	459.57	
Office Supplies and Expense	32.60	
Telegraph and Telephone	48.77	
Lights, Heat and Water	25.29	
Miscellaneous General Expense	156.96	
Professional Fees	383.95	
	<u>\$59288.10</u>	<u>\$59288.10</u>

JASPER COUNTY FARMERS' SERVICE
Operating Statement
October 1, 1947

Exhibit "C"

Sales - Feed	\$17226.88	
Sales - Seed	2670.95	
Sales - Other	3738.00	
Total Gross Income		\$23635.83
Cost of Sales:		
Inventory 6/30/47	\$ 5459.50	
Purchases	24332.28	
Freight, Express, and Drayage	215.16	
	<u>\$30006.94</u>	
Less Inventory 9/30/47	11630.52	
		18376.42
Gross Profit		<u>\$ 5259.41</u>
Expenses:		
Salaries and Wages	\$ 2830.57	
Rent	250.02	
Taxes - Payroll	16.90	
Interest	50.42	
Gas, Oil, and Tires	378.14	
Repairs - Transportation Equipment	138.11	
Truck License	3.30	
General Repairs	459.57	
Office Supplies and Expense	32.60	
Telephone and Telegraph	48.77	
Lights, Heat, and Water	25.29	
Miscellaneous General Expense	156.96	
Professional Fees	383.95	
Total Operating Expense		4774.60
Net Operating Profit		<u>\$ 484.81</u>

JASPER COUNTY FARMERS' SERVICE
Balance Sheet
September 30, 1947

Exhibit "D"

Assets

Cash		\$ 50.00
Bank of Ridgeland		1028.48
Accounts Receivable	\$14910.78	
Less Reserve for Uncollectible Accounts	<u>569.21</u>	
		14341.57
Inventory		11630.52
Office Furniture and Fixtures	\$ 833.71	
Less Reserve for Depreciation	<u>25.00</u>	
		808.71
Store Equipment	\$ 3060.92	
Less Reserve for Depreciation	<u>96.15</u>	
		2964.77
Poultry Equipment	\$ 100.00	
Less Reserve for Depreciation	<u>33.33</u>	
		66.67
Transportation Equipment	\$ 2016.25	
Less Reserve for Depreciation	<u>388.38</u>	
		1627.87
Produce Shed		762.22
Prepaid Insurance		401.07
Railroad Spur Track	\$ 692.60	
Less Reserve for Depreciation	<u>115.43</u>	
		577.17
Sweet Potato Bed	\$ 110.60	
Less Reserve for Depreciation	<u>27.65</u>	
		82.95
Electric Elevator		472.43
Block Building		67.50
Total Assets		<u>\$34881.93</u>

Liabilities

Notes Payable - Milbank	\$ 7500.00
Notes Payable - Bank of Ridgeland	3000.00
Notes Payable - Bank of Ridgeland	2000.00
Accounts Payable	6960.97
Clemson College - Milbank Fund	1206.93
Accrued F.O.A.B. Tax	25.09
Accrued Withholding Tax	60.65
	<u>\$20753.64</u>

Capital

Surplus	14128.29
Total Liabilities and Surplus	<u>\$34881.93</u>

MINUTES OF BOARD OF DIRECTORS FOR JASPER COUNTY
FARMERS' SERVICE

A special meeting of the Board of Directors of the Jasper County Farmers' Service was held March 12, at 8:00 P.M., in the County Agent's office. The minutes of the previous meeting were read and approved as read.

A shed constructed by Willard Horton on the property of the Jasper County Farmers' Service is being offered for sale. It was decided by the Directors that some action would be taken on this about April 1.

The financial statement was discussed by Mr. B. D. Bedell and a motion made and carried that when Messrs. Mayer, Bedell, Langford, Perry and Kinard make up the inventory that a system of bookkeeping be set up at that time to comply with the Directors desire.

It was suggested that the Manager be encouraged to contact the larger purchasers over the county and that he be given 5¢ per mile to make these contacts.

After a considerable discussion whether or not a gas tank for the use of gas for the trucks would be available or not, it was decided that this be postponed for the present.

The Secretary was instructed to write the Shirt Factory about when they were expected to clear out of the building.

Feed prices were checked with the Jasper County Farmers' Service price list and other price lists available and a recommendation made that the Manager add 10% above all costs on 100 pound bags and more on 25 pound bags.

It was further recommended that the salary of the Manager be put back on a percentage basis and that his present salary remain as is and he be given a 10 percent of the net profit for each quarter.

There being no further business, the meeting adjourned.

Respectfully submitted,

N. R. Davis, Jr.,
Secretary

MINUTES OF BOARD OF DIRECTORS FOR JASPER COUNTY
FARMERS' SERVICE

A special meeting of the Directors of the Jasper County Farmers' Service was held in the County Agent's office on Thursday, June 12, at 8:00 P.M. The purpose of this meeting was to make plans for further development of the Jasper County Farmers' Service. Following a lengthy discussion, the field was narrowed to three projects. These projects were: Additional livestock facilities, approved Produce Market and expanded market of seed and feed through branch stores.

Considerable discussion centered around the present Manager and the motion was made and carried that a new Manager with more ability to handle agricultural problems and projects be secured. Mr. J. D. O'Quinn was decided as the most possible prospect and he was contacted by the Chairman on the same night. No definite agreement was reached at this time.

There being no further business the meeting adjourned.

Respectfully submitted,

N. R. Davis, Jr.,
Secretary

MINUTES OF BOARD OF DIRECTORS FOR JASPER COUNTY
FARMERS' SERVICE

A special meeting of the Board of Directors of the Jasper County Farmers' Service was held following their joint meeting with the Clemson Committee. The purpose of this meeting was to discuss a proposition made by Mr. J. D. O'Quinn concerning the management of the Jasper County Farmers' Service. Mr. O'Quinn had informed the Directors that he would accept the job at \$250.00 a month plus 10% of the net gained. This proposition was accepted by the committee. A motion was made and carried that Mr. Jones be paid through August 15, but that Mr. O'Quinn take charge July 1.

There being no further business, the meeting adjourned.

Respectfully submitted,

N. R. Davis, Jr.,
Secretary

MINUTES OF BOARD OF DIRECTORS FOR JASPER COUNTY
FARMERS' SERVICE

A special meeting of the Board of Directors of the Jasper County Farmers' Service was held in the office of the Farmers' Service Warehouse, Tuesday, July 29, at 8:00 P.M.

The meeting was called to order by the Chairman following which the minutes of two previous special meetings were read and approved as read. A report of the joint committee meeting between the Clemson College committee and the local committee was read.

The Chairman gave a report that was submitted by Mr. J. H. Perryman, who had audited the books. The report was discussed very favorably. It was reported that Mr. H. M. Jones had been paid \$349.27, for his percentage, of the net gain for the period March 12 - June 30.

Upon a suggestion from J. D. O'Quinn, Mrs. Edna Dean will be bonded. Following this Mr. O'Quinn asked for the cooperation of the Directors in operating the business. He suggested that the present equipment such as Grist Mill, Incubator, etc., be put into operation as soon as possible. Mr. O'Quinn informed the group that no Liability Insurance was now being carried on the Chevrolet Truck and that he had made application for Insurance and had been turned down. A motion was made and carried that the present Insurance Agent be given until Monday to get the Insurance. In case he did not insure the truck by Monday, it was requested that some other company be contacted.

The credit business was discussed by the Manager and a motion made and carried that he be given authority to handle credit with as much emphasis as possible on reducing the present outstanding accounts.

The Directors agreed that it would be a good idea to have Mr. Perryman check with the Service on several monthly and quarterly reports and that if his fee would not be too great to have him prepare quarterly and annual reports.

The present livestock Marketing plans were discussed and decided that the Jasper County Farmers' Service should take over the market and open a market for top hogs. The \$7,500.00 which has been earmarked for a livestock barn will be used for the following items:

1. Operating capital for hog barn.
2. Construct vehicle shed.
3. Improvements and additions to livestock barn.
4. Improvements of present equipment. The \$2,500.00 which was to be applied on the note loaned by Mr. Milbank was discussed and the matter left to the Secretary to clear up with Clemson.

There being no further business, the meeting adjourned.

Respectfully submitted,

N. R. Davis, Jr.,
Secretary

MINUTES OF BOARD OF DIRECTORS FOR JASPER COUNTY
FARMERS' SERVICE

A special meeting of the Board of Directors of the Jasper County Farmers' Service was held in the office of the Farmers' Service, Thursday, August 7, at 8:00 P.M. The purpose of this meeting was to discuss the proposed change of funds from a Livestock Barn to a Feed Manufacturing Plant. After considerable discussion a motion was made and carried that \$7,500.00, which would be available from Mr. Milbank in 1947, be used to construct a Feed Mill. The Secretary was requested to take this up with the Clemson Committee to get their approval.

There being no further business, the meeting adjourned.

Respectfully submitted,

N. R. Davis, Jr.,
Secretary

MINUTES OF DIRECTORS OF JASPER COUNTY FARMERS' SERVICE

A special meeting of the Board of Directors of the Jasper County Farmers' Service was held Monday, September 8, in the office of the Farmers' Service Warehouse at 8:00 P.M. The meeting was called to order by the Chairman, Mr. J. H. Mayer.

The Secretary informed the group that Messrs. J. H. Mayer, H. P. Woods and S. D. Zahler, had served their terms and were to be re-elected, or successors elected in their places. Upon a motion from the floor, Mr. Zahler and Mr. Mayer were unanimously re-elected and the Secretary was instructed to contact Mr. Woods regarding his intentions of residing in Ridgeland. It was felt that in case Mr. Woods contemplated leaving the community, it would be well to replace him with some other person.

At this point plans for the Feed Mill were discussed and the fact that there would probably not be sufficient funds to properly set-up the Feed Mill and a Broiler Industry. The Broiler Industry idea was introduced by Mr. Charles Ashley and the Manager, Mr. J. D. O'Quinn. It was the general opinion of the entire group that a Broiler industry would be a good undertaking and that this should by all means be pushed now.

The Secretary mentioned that fact that the \$2,500.00, which Mr. Milbank suggested be paid on the note which he holds was in some question as Clemson was afraid to make a decision in handling the money. Clemson objected to giving cash money out. This matter was to be worked on by the Chairman and be reported at a later date. It was decided that the best way to handle the present situation would be to pay Milbank his \$7,500.00 out of the \$10,000 given in 1947, and that a Feed Mill and poultry Dressing Plant be constructed with the \$10,000 which is to be given in 1948 and the \$2,500.00 remainder that is to be received in 1947.

There being no further business the meeting adjourned.

Respectfully submitted,

N. R. Davis, Jr.
Secretary

MINUTES OF THE BOARD OF DIRECTORS OF THE
JASPER COUNTY FARMERS' SERVICE

The regular quarterly meeting of the Board of Directors of the Jasper County Farmers' Service was held in the County Agent's office in the Agricultural Building, Wednesday, October 22. A delicious Turkey Supper was served by Miss Betty Brunson, assisted by the Secretaries in the Extension Office. The Turkey was donated by Mr. Harold Mayer, Chairman of the Board.

Following the supper, the Directors went into a business session and instructed the secretary to discuss the cost with Mr. Perryman for auditing the books quarterly. The hog market was discussed and all Directors approved the present operation which consists of buying hogs the 2 and 4th. Tuesday between 8:00 A.M., and 2:00 P.M.

The Manager, Mr. J. D. O'Quinn, reported that the Grist Mill was now in operation and that considerable corn was being ground each Saturday.

Mr. Mayer and the Secretary have been instructed to give a report on the money which Mr. Milbank was ready to give. The report showed that there was difficulty in Clemson accepting the cash money and passing it on as operating capital. Mr. Mayer stated that he was taking this matter up with the Board of Trustees of Clemson College and they would have a meeting to pass on this in late October and as soon as this was done, he would be in a position to give a report.

Following a discussion of the financial statement and outstanding accounts, a motion was made and carried that all persons with old accounts be contacted by the Manager and that he get a post dated check, or notes to be applied on the accounts.

The Manager stated that a flue was necessary to heat the main part of the Warehouse. The motion was made and carried that this flue be installed and that Clemson be asked to reimburse the Farmers' Service for this cost. The Manager brought up at this point that he would like to see Mrs. Edna Dean put on a $2\frac{1}{2}$ percent bonus of the net profit retroactive July 1.

There being no further business, the motion was made and carried that the meeting adjourn.

Respectfully submitted,

N. R. Davis, Jr.,
Secretary

On the following pages will be found specimen copies
of circular letters issued during the year.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Ridgeland, S. C.
July 22, 1947

EXTENSION SERVICE

To Certain 4-H Club Members:

Our annual 4-H Club encampment will be held at Camp Long, Aiken, S. C., the week of July 28-August 1.

You will need to take the following items: 2 bed sheets, 1 pillow and pillow case (if desired), 1 blanket, towels, soap, toilet articles, bathing suit, work clothes, and a sweater.

Buses will pick up children at the following places at the hours specified.

Tillman, Jaudon's Store	12:00 Noon
Hardeeville, Rentz Filling Station	12:30 P.M.
Ridgeland, Agricultural Building	1:00 P.M.
Gillisonville, Mrs. J. E. Langford's	1:30 P.M.
Grays, Ben Tuten's Store	1:45 P.M.

The cost for attending camp will be \$4.00 and this will be collected when you get on the bus.

We hope to see all of you Monday, July 28, for a good week at Camp Long.

Very truly yours,

N. R. Davis, Jr.

N. R. Davis, Jr.
County Agent

R. C. Wiggins

R. C. Wiggins
Asst. County Agent

Elizabeth Brunson

Elizabeth Brunson
Co. Home Dem. Agent

EB/as

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
Ridgeland, S. C.
September 21, 1941
STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

EXTENSION SERVICE

DONT FORGET

County Agricultural Committee
Monday, September 29th
8:00 P.M.

To Members of the County Agricultural Committee:

Dear Sir or Madam:

We are planning to hold our fall meeting of the County Agricultural Committee Monday, September 29th at 8:00 P.M. in the Agricultural Building. You will notice that both men and women are invited to this meeting. We are especially anxious to have both the husband and wife attend, if possible.

Mr. A. H. Ward, District Agent from Aiken, S. C. will be the main speaker. The program will be short and should not last over an hour or an hour and a half.

You will find enclosed a card which we would appreciate your returning by return mail stating whether or not you will attend. The purpose of this card is to make plans for a free supper which we expect to serve at this meeting.

Very truly yours,

Elizabeth Brunson
Elizabeth Brunson
Co. Home Dem. Agent

R. C. Wiggins
R. C. Wiggins
Asst. County Agent

N. R. Davis, Jr.
N. R. Davis, Jr.
County Agent

NRDJr/as
Enclosure

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Ridgeland, S. C.
July 8, 1947

EXTENSION SERVICE

To All 4-H Club Members:

In order to make arrangements for transportation to the 4-H Club Summer Camp at Camp Long, Aiken, S. C. July 28-August 1, we must know the number of 4-H'ers planning to attend this camp. Please fill in the enclosed card, which is self-explanatory, and return immediately. Transportation will be furnished by means of school buses. A schedule of the buses and other information regarding camp will be mailed to you at a later date.

The cost to attend Camp Long will be about \$4.00, depending on the number attending.

Have your card in this office not later than July 21, 1947. Don't forget to fill in your contest for the free trip to camp. Boys must be in by July 15, girls by July 23.

Very truly yours,

N. R. Davis, Jr.

N. R. Davis, Jr.
County Agent

R. C. Wiggins

R. C. Wiggins
Asst. County Agent

Elizabeth Brunson

Elizabeth Brunson
Co. Home Dem. Agent

NRDJr/as
Enclosure

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

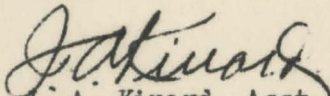
Ridgeland, S. C.
April 14, 1947

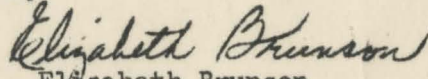
EXTENSION SERVICE

To The 4-H Health Contestants:

On the day that you were given a physical examination by the County Health Department Doctor, you received a sheet of paper on which you were to keep a record for two weeks. Be certain to bring this sheet of paper to the 4-H Club meeting Wednesday, April 16. This sheet is very important, therefore, do not forget to bring it to us at the Club meeting.

Very truly yours,


J. A. Kinard, Asst.
County Agent


Elizabeth Brunson
County Home Dem. Agent

JAK:hd

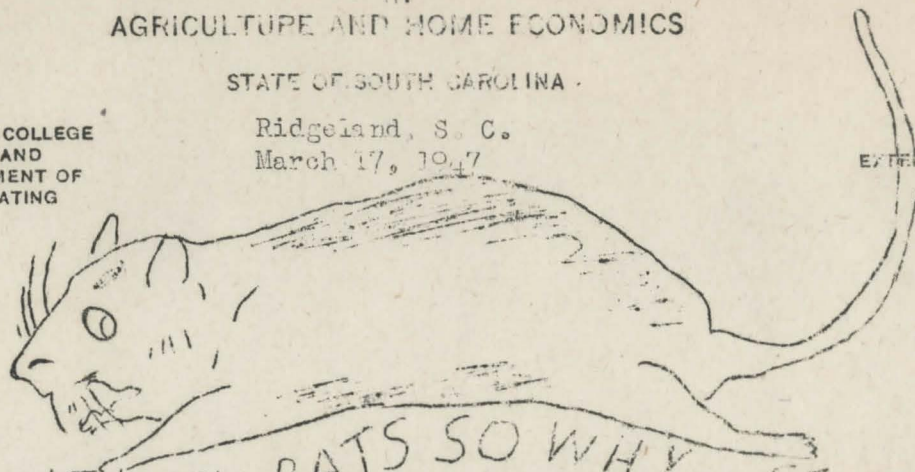
COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Ridgeland, S. C.
March 17, 1947

EXTENSION SERVICE



YOU CAN'T SELL RATS SO WHY FEED 'EM?

GET RID OF THOSE RATS!

Dear Farmer:

A campaign to deal the rats of Jasper County a death blow is being planned for April 2. This campaign is being sponsored by the County Agent's office in cooperation with the U. S. Fish and Wildlife Service.

Rats each year cost the people of Jasper County an estimated \$200,000. This is in addition to the deadly diseases which they spread and the annoyance of having these pests on your premises.

Fortified Red Squill, the poison which will be used, is harmless to people and domestic animals, but has proven deadly effective on rats in the control campaigns which have been conducted by the U. S. Fish and Wildlife Service for a number of years. The bait will be prepared on campaign day and put up in 3 pound packages, which is the amount needed to bait the average farm. Complete instructions for using the bait will be furnished with each package. The cost will be only \$1.00, which is a pretty small price to pay for the relief that will be obtained.

In order to mix the proper amount of bait we must know in advance the number of people that wish to participate. If you wish to take an active part in getting rid of these harmful pests send in your order, along with the \$1.00, to the address shown below, before March 31.

Bait will be prepared only for those who send in orders by that date. You will be notified by mail exactly when and where to obtain your bait.

Rats travel from farm to farm; encourage your neighbor to order bait, too!

N. R. Davis, Jr.
County Agent

REMEMBER THE DAY APRIL 2

! Elizabeth Brunson
Co. Home Dem. Agent

REMEMBER TO TELL YOUR NEIGHBOR!

J. A. Kinard, Asst.
County Agent

REMEMBER TO PLACE YOUR ORDER FOR BAIT BY MARCH 31.

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Ridgeland, S. C.
February 20, 1947

EXTENSION SERVICE

To Certain Farmers In Jasper County:

It has been called to our attention that the quality of beans produced in this county are not as good as they could be. Due to this, we are enclosing herewith an outline on Snap Bean production in Jasper County. We hope that you will read this information and make use of it in your bean crop this coming year. We personally feel that Basic Slag is very essential to the profitable production of Snap Beans in this area.

If we can be of further assistance to you, do not hesitate to call on us.

Very truly yours,

N. R. Davis, Jr.
N. R. Davis, Jr.
County Agent

J. A. Kinard
J. A. Kinard, Assistant
County Agent

NRDJr:hd

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

Ridgeland, S. C.
January 28, 1947

EXTENSION SERVICE

Mrs. Farmer-
Keep up with the con-
stantly changing con-
ditions.



To Certain Farmers in Jasper County

Mr. Farmer-
You better watch out
prices are coming
down. Don't get
Caught.



We are holding a special meeting at the Grays School House, Tuesday, February 4, at 8:00 P.M., to discuss very important subjects. These subjects are:

1. Outlook for 1947 for the Farm and Home.
2. Special information on Tobacco growing for Tobacco Growers.
3. A.A.A. Program for 1947.

Don't forget the date and time, Tuesday, February 4,
at 8:00 P.M., at the Grays School House.

This will be a very important meeting and you are urged to attend. Especially are all people urged to attend who are interested in Tobacco growing, as a Tobacco specialist from Clemson College will be present.

Very truly yours,

N. R. Davis, Jr.
N. R. Davis, Jr.,
County Agent

J. A. Kinard
J. A. Kinard, Assistant
County Agent

Elizabeth Brunson
Elizabeth Brunson,
Co. Home Dem. Agent

NRDJr:hd

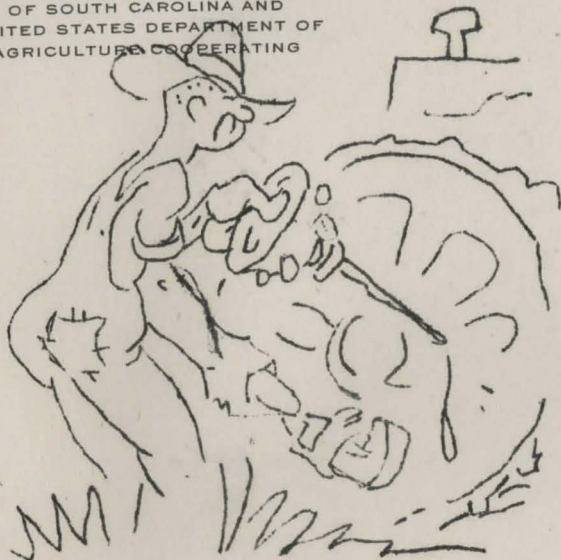
COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

Ridgeland, S. C.
January 30, 1947

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

EXTENSION SERVICE



Come Learn What To Do When You Are
In Trouble!

Learn What To Do To Save Trouble.

To Certain Farmers:

BIG TRACTOR SCHOOL SCHEDULED

MONDAY, 2:00 P.M. FEBRUARY 3, AGRICULTURAL BUILDING,
RIDGELAND, S. C.

A Tractor School to discuss the care and repair of Tractors will be held at the Agricultural Building, Monday, February 3, at 2:00 P.M. Representatives from several makes of Tractors will be present. The purpose of this school will be to teach the care and maintenance of Tractors while in operation. We are asking that you bring your Tractor Drivers with you. We think it just as important to have the Tractor Drivers present as any other person.

The cost of repairs is entirely too high. Most of this is your fault, so please plan to be present at the Tractor School, February 3, at 2:00 P.M.

Very truly yours,

N. R. Davis, Jr.
N. R. Davis, Jr.
County Agent

J. A. Kinard
J. A. Kinard, Asst.
County Agent

NRDJr:hd

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS

STATE OF SOUTH CAROLINA

Ridgeland, S. C.
January 14, 1947

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

EXTENSION SERVICE

To All Farm Men and Women In Jasper County:

WHAT CAN I EXPECT DURING 1947?

Mrs. Farmer-
Keep up with the con-
stantly changing con-
ditions.



Mr. Farmer-
You better watch out!
Prices are coming
down. Don't get
caught.



Be sure and come to the County Outlook meeting, and hear Mr. A. H. Ward, District Agent, Aiken, S. C., Mr. J. E. Youngblood, Marketing Division, Columbia, S. C., Miss Jane Ketchen, Winthrop College answer the question asked at the top of the page. The meeting will be held in the Agricultural Building at 10:00 A.M., Monday, January 20, 1947.

The importance of planning cannot be stressed too much for both farm and home welfare. We are suggesting that the women attend with the men, as information will be given which will concern the farm women of Jasper County. Information regarding the A.A.A., for next year will be given at this time also.

The importance of this meeting cannot be stressed too much. It is a meeting that all farmers will enjoy, so be sure and be on hand Monday, January 20, at 10:00 A.M., in the Agricultural Building.

Very truly yours,

N. R. Davis, Jr.
N. R. Davis, Jr.,
County Agent

J. A. Kinard
J. A. Kinard, Asst.
County Agent

Elizabeth Brunson
Elizabeth Brunson, Co.
Home Dom. Agent

NRDJr:hd

COOPERATIVE EXTENSION WORK
IN
AGRICULTURE AND HOME ECONOMICS
STATE OF SOUTH CAROLINA

CLEMSON AGRICULTURAL COLLEGE
OF SOUTH CAROLINA AND
UNITED STATES DEPARTMENT OF
AGRICULTURE COOPERATING

EXTENSION SERVICE

Don't miss it!

Ridgeland, S. C.
November 21, 1947



To All Farmers:

We are holding a Farm and Home Labor Show in the Gymnasium of the Ridgeland School, Wednesday, November 26, from 10:00 A.M. to 4:00 P.M. The purpose is to Exhibit labor saving devices and new equipment which is now coming on the market that makes farm and home work easier.

If you have any equipment that saves labor, we would like for you to let us know in order that we might use it for an exhibit. If you would drop a card to one of us, we would be glad to come to see you immediately.

Exhibits will be shown by the Clemson College Extension Service and Commercial Dealers of this vicinity. There will be around 100 exhibits. It will take approximately 1½ hours to go through the show. You can do this at any time between 10:00 A.M., and 4:00 P.M., on November 26.

Looking forward to seeing you at the Farm and Home Labor Show, we are

Sincerely yours,

N. R. Davis, Jr.
N. R. Davis, Jr.,
County Agent

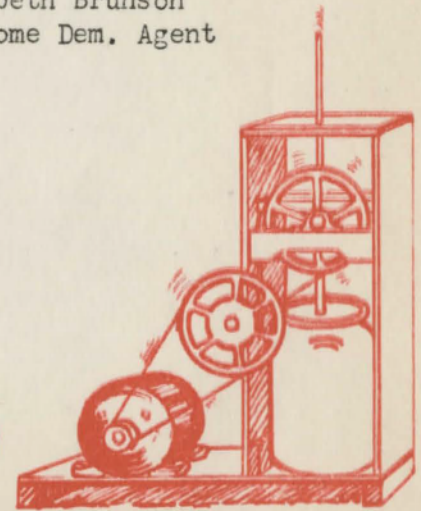
R. C. Wiggins
R. C. Wiggins, Asst.
County Agent

Elizabeth Brunson
Elizabeth Brunson
Co. Home Dem. Agent

NRDJr:hd



**FARM and HOME
LABOR SAVING
SHOW**



"Use of TRACTOR POWER shifts the heavy jobs from the worker to the machine."

Take the labor out of churning -

On the following pages will be found specimen copies
of Press articles published during the year.

FIVE-ACRE PULPWOOD THINNING CONTEST

The Five-Acre Pulpwood Thinning Contest which is being sponsored by Pulpwood Companies closes February 28. The two pictures above show the advantage of taking out thick crowded trees and giving good trees a chance to grow. Persons interested in entering the Contest should contact the County Agent's office immediately. County, District and State prizes will be available.

JASPER FARMERS ENROLL IN CONTEST

Jasper county farmers who plan to enter the state five-acre cotton contest should enroll at once, according to County Agent Davis, who points out that for highest yields the contest fields should be carefully selected, well prepared and fertilized, and planted in pure seed of approved varieties of cotton. Since all of these practices take place before planting time, farmers should decide at once whether they plan to enter the contest.

Mr. Davis lists the following nine county farmers who have already enrolled:

Honey Hill Farm, J. H. Mayer, R. E. Carter, J. H. Langford, Jake Ellis, French Malphrus, J. F. Rivers, H. C. Jaudon, Walter Malphrus .

Prizes totalling \$5,000 are available to be awarded winners in the state, district and county contests to be conducted by the Clemson Extension Service. Of the above amount \$2,000 has been made available by the South Carolina Manufacturers' association for the winners in the state and district contests and \$3,000 has been donated by the South Carolina Cottonseed Crushers' association for prizes in those counties where 10 or more contestants complete records. Mr. Davis is anxious to have Jasper county contestants qualify for the county prizes by having the 10 or more completions, and, if there are additional farmers who want to enter the contest, he will be glad to supply the application blanks.

Only pure, delinted, Ceresan-treated seed with a high percent germination should be planted, the agent suggests. He advises the use of 600 to 1,000 pounds per acre of a complete fertilizer placed slightly below and beside the seed at planting time to be supplemented with 100 to 200 pounds per acre of top-dressing at chopping time.

To insure good stands growers should plant at least one bushel of seed per acre and should leave plenty of stalks when the cotton is thinned.

Latest information on boll weevil control and other practices in connection with cotton production will be given in a circular, "Seven Steps to Profitable Cotton Production in South Carolina," now being printed by the Clemson Extension Service. This circular will be available soon through Mr. Davis' office.

GET RID OF THOSE RATS

A campaign to deal the rats of Jasper County a death blow is being planned for April 2. This campaign is being sponsored by the County Agent's office in cooperation with the U. S. Fish and Wildlife Service.

Rats each year cost the people of Jasper County an estimated \$200,000. This is in addition to the deadly diseases which they spread, the annoyance of having these pests on your premises.

Fortified Red Squill, the poison which will be used, is harmless to people and domestic animals, but has proven deadly effective on rats in the control campaigns which have been conducted by the U. S. Fish and Wildlife Service for a number of years. The bait will be prepared on campaign day and put up in 3 pound packages, which is the amount needed to bait the average farm. Complete instructions for using the bait will be furnished with each package. The cost will be only \$1.00, which is pretty small price to pay for the relief that will be obtained.

In order to mix the proper amount of bait we must know in advance the number of people that wish to participate. If you wish to take an active part in getting rid of these harmful pests send in your order, along with the \$1.00, to the address as shown below, before March 31.

Bait will be prepared only for those who send in orders by that date. You will be notified by mail exactly when and where to obtain your bait.

Rats travel from farm to farm; encourage your neighbor to order bait too!

Send your orders to the County Agent's office at once.

JASPER 4-H CLUBSTERS WIN TRIPS TO CHICAGO CONGRESS

Ruby Cleland and Pat Smith, members of the Grays Senior 4-H Club are the winners of the State 4-H Health Improvement contest. As a reward for their achievement the Liberty Life Insurance Company has awarded them free trips to the National 4-H Club Congress which is to be held in Chicago, November 30, through December 4th.

Ruby and Pat will leave Spartanburg, November 28, along with the other state winners on a special bus.

Ruby, Pat, Doris Tuten and Wesley Smith, winners in the District Health Improvements Contest, enjoyed a stay at the Jefferson Hotel during the state meeting at Columbia. While here they attended the State Fair as well as the annual 4-H Club Achievement Breakfast.

FOUR-H CLUBSTERS WIN DISTRICT HEALTH CONTEST

Ruby Cleland, Doris Tuten, Pat and Wesley Smith won the Central District Health Improvement Contest which was held in Columbia, October 7. The contest is for improvement made in health over a six months period.

The winners in the Central District are all members of the Grays Senior 4-H Club, and will be the guest of the State Fair Association and Clemson College Extension Service at the Jefferson Hotel Friday and Saturday. They will also attend the annual 4-H Club Breakfast at which time State Awards will be made.

BYRON VAIGNEUR GUEST OF GOVERNOR

Byron Vaigneur, son of Mr. and Mrs. Hugh L. Vaigneur, R-2, Ridgeland, S. C., has been invited to be the guest of J. Strom Thurmond, Governor of South Carolina, at the Mansion in Columbia, as a result of winning the Citizenship and Leadership contest in 4-H Club work. Two boys throughout the State receive this award each year. Terry Liston from Colleton County and Byron Vaigneur were this year's winners.

Byron also will be honored at a Banquet breakfast at the Jefferson Hotel at Columbia Saturday morning along with other State Winners in 4-H Club contests. They will leave for Columbia, Wednesday night with R. C. Wiggins, Assistant County Agent from Ridgeland.

FOUR-H DAIRY JUDGING TEAM TAKES TOP PLACE

Will compete for State Honors at Clemson

The Jasper County 4-H Dairy Judging Team won first place in the Savannah Valley District Contest held on July 30, in Columbia. Members of the team are: Ann Bedell, J. W. Wall, Jr., Byron Vaigneur, and Rodney Malphrus. This is the first time such a team has been in Jasper County, N. R. Davis, Jr., County agent and R. C. Wiggins, Assistant County Agent praise the team highly.

J. W. Wall, Jr., placed second in the district as high scorer. Both J. W. and Rodney came away with medals. The team competes for state honors August 20, at Clemson. The winning team will go to the National Dairy Show at Columbus, Ohio, and the second place team goes to the Atlantic Expedition at Richmond, Va., both shows will be held in October.

Mr. Wiggins plans on putting the team through the paces until the state contest and looks forward to winning this event.

FOUR-H CLUB MEMBERS ATTEND CAMP COOPER

Four outstanding boys and girls in 4-H club work in Jasper County, Byron Vaigneur, J. W. Wall, Jr., Liza Mears and Dorothy Roach accompanied R. C. Wiggins, assistant county agent to Camp Bob Cooper on the Santee Cooper for the State Conservation Camp. The boys and girls representing this county took an active part in the group discussions telling other delegates from all over the State about our work in drainage, both in dynamite and the drag line method. It was also interesting to note that Jasper County was one of the few counties in the State to hold a Rat Eradication Program in which 4-H Club members were very active. Delegates brought back some valuable information which they picked up in the group discussions and by hearing outstanding speakers.

HAROLD WALL WINS FREE CAMP TRIP

Senator Ellis Sponsors 4-H Club Contest

The 4-H Club winner for first place, in Senator Ellis' "Free Trip to Camp Contest", was Harold Wall of the junior club, Ridgeland; second place winner was J. W. Wall, Jr., of the Ridgeland senior 4-H club; Byron Vaigneur of the same club placed third, and David Lowther also of the Ridgeland senior club placed fourth, with fifth place going to Weldon Wall of the Ridgeland Grammar 4-H Club.

Honorable mention goes to Collins Prescott, Carl Walsh, Grays, Ollie Langford, Joe Altman all of Ridgeland, Jimmie Vaughn, Coosawhatchie, and Albert Browning, Jr., Tillman.

Harold Wall will attend the 4-H Club camp July 28, at Camp Long, near Aiken, S. C.

The Judges stated that they had a hard time placing the winners and that all contestants should be congratulated on their records and good work.

FOUR-H'ER WINS CALF

Carl Walsh, 4-H Club boy of Grays School, won one of the two calves in the Calf Contest held at the Edisto Savannah Fat Stock Show Thursday. Two 4-H Club boys from each school club in the following counties participated in this calf contest: Allendale, Bamberg, Barnwell, Beaufort, Colleton, Jasper, Orangeburg and Hampton. The boys were divided into two groups according to age. The first group included the small boys from 10 to 14 years of age and the second group included the boys 15 and up. The Jasper County 4-H boys participating in this Calf Contest were J. W. Wall, D. C. Daring, Ridgeland and Edward Floyd and Freddie Woods, Tillman, Ted Roach and Earl Cooler of Hardeeville, Pat Smith and Carl Walsh Grays.

